#### DOCUMENT RESUME

ED 251 697 CE 040 349

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Comp.

TITLE Handbook of Labor Statistics. Bulletin 2175.

INSTITUTION Bureau of Labor Statistics (DOL), Washington, D.C.

PUB DATE Dec 83 NOTE 459p.

AVAILABLE FROM Superintendent of Do uments, U.S. Government Printing

Office, Washington, DC 20402.

PUE TYPE Statistical Data (110) -- Guides - Non-Classroom Use

(055)

EDRS PRICE MF0: DESCRIPTORS Adu

MF01/PC19 Plus Postage.
Adults; Career Education; Cost Indexes; Educational

Attainment; Employed Parents; \*Employment;

\*Employment Level; \*Employment Patterns; \*Employment Statistics: Foreign Countries; Fringe Benefits; Labor

Market; Marital Status; Occupational Safety and Health; Productivity; \*Unemployment; \*Wages; Work

Experience

#### **ABSTRACT**

This publication makes available in one volume the major series produced by the Bureau of Labor Statistics. Technical notes preceding each major section contain information on data changes and explain the services. Forty-four tables derived from the Current Population Survey (CPS) provide statistics on labor force and employment status, employment, unemployment, family relationships and earnings data, and state and area data. Special labor force data (annual supplementary data from the CPS), arranged in 22 tables, show work experience, multiple job holders, marital and family characteristics, work schedules and absences from work, and school enrollment and educational attainment. Twenty-seven tables derived from data from the monthly survey of business establishments (employees on nonagricultural payrolls) illustrate labor turnover and employment, hours, and earnings by industry and state. Other statistics provided are occupational employment statistics; productivity data; compensation studies showing occupational pay, general wage and benefit changes, and employment cost index; prices and living conditions illustrating consumer, producer, and import and export prices and consumer expenditures; unions and industrial relations, specifically work stoppages; occupational injuries and illnesses; and foreign labor statistics. In general, each table begins with the earliest reliable data and ends with 1982. (YLB)



# Handbook of Labor Statistics

U.S. Department of Labor Bureau of Labor Statistics December 1983

Bulletin 2175

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# Handbook of Labor Statistics



U.S. Department of Labor Raymond J. Donovan, Secretary

Bureau of Labor Statistics Janet L. Norwood, Commissioner December 1983

Bulletin 2175



#### **Preface**

This publication makes available in one volume the major series produced by the Bureau of Labor Statistics. In general, each table begins with the earliest reliable data and ends with 1982. Because of space limitations, some intervening years have been omitted from most tables. These data can be found in the 1978 edition of the *Handbook* (Bulletin 2000) or by contacting the BLS Office of Publications. Data in this publication may differ from data previously published. BIS data are revised periodically to adjust to more recent benchmarks and to incorporate more complete data from survey respondents. See the technical notes preceding each major section for more information on data changes and for explanations of the series.

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## **Technical Notes**

#### **Current Population Survey**

(Covers tables 1-66)

#### Collection and coverage

Statistics on the labor force, employment, unemployment, and persons not in the labor force, classified by a variety of demographic, social, and economic characteristics are derived from the Current Population Survey (CPS), which is conducted by the Bureau of the Census for the Bureau of Labor Statistics. A detailed description of this survey appears in Concepts and Metnods Used in Labor Force Statistics Derived From the Current Population Survey. BLS Report 463.

These monthly surveys of the population are conducted using a scientifically selected sample of 60,000 households designed to represent the civilian noninstitutional population. In addition to providing monthly statistics on the employment status of the population, the (CPS), through special inquiries repeated annually in the same month, provides detailed supplementary information from particular segments, or for particular characteristics of the population. These inquiries include the extent of work experience of the population during the year, the marital and family status of workers, the annual earnings and income of individuals and families, and the employment status of such groups as working mothers with children, high school graduates and dropouts, and recent college graduates. Special surveys are also conducted periodically on such subjects as job mobility and job tenure. Data on the extent of overtime work at premium pay, work schedules, shift work, absences, and the prevalence of multiple jobholding were collected in May. As a result of budget cutbacks, the sample size of the May 1981 supplement was reduced by three-fourths, and the supplement was discontinued altogether in May 1982. Weekly and hourly earnings information was collected in May until 1979; for 1979 forward, quarterly and annual averages are available.

Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. (Separate monthly statistics are also conected for 14- and 15-year olds.) The interviewer asks a series of standard questions on activity or status during the calendar week, Sunday through Saturday, which includes the 12th

day of the month; this is known as the survey week. Actual field interviews are conducted during the following week. The primary purpose of these questions is to classify the sample population into three basic groups—the employed, the unemployed, and those not in the labor force.

Inmates of institutions and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics. Data on members of the Armed Forces stationed in the United States are obtained from the Department of Defense and are included as part of the categories "noninstitutional population," "labor force," and "total employment."

#### Concepts and definitions

The criteria used in classifying persons on the basis of their labor force activity have been modified but not substantially altered since the inception of the CPS in 1940. These criteria are as follows:

Employed persons are (1) all civilians who, during the survey week, did any work at all as paid employees in their own business or profession or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a family member; and (2) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management disputes, or various personal reasons, whether or not they received pay for the time off or were seeking other jobs. Members of the Armed Forces stationed in the United States are also included in the employed total.

Included in the total are employed citizens of foreign countries who are temporarily in the United States but not living on the premises of an embassy. Excluded are persons whose only activity consisted of work around their own home (such as household chores, painting, repairing, etc.) or volunteer work for religious, charitable, and similar organizations.

Unemployed persons are all civilians who had no employment during the survey week, were available for work, and (1) had made specific efforts to find employment sometime during the prior 4 weeks, or (2)



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were waiting to be recalled to a job from which they had been laid off, or (3) were waiting to report to a new job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration represents the number of full weeks since the termination of their most recent employment. A period of 2 or more weeks during which a person was employed or ceased looking for work breaks the continuity of the present period of jobsearching. Measurements of mean and median duration are computed from a distribution of single weeks of unemployment.

Unemployment is also categorized according to the status of individuals at the time they began to look for work. These "reasons for unemployment" are divided into tour major groups: (1) Job losers are persons whose employment ended involuntarily and who immediately began looking for work and persons on either temporary or indefinite layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 or more weeks but who were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 or more weeks.

The civilian labor force equals the sum of all civilians classified as employed and unemployed in accordance with the criteria described above. The labor force also includes members of the Armed Forces stationed in the United States.

The full-time labor force consists of all civilians working on full-time schedules, persons involuntarily working part time for economic reasons, and unemployed persons seeking full-time jobs. The part-time labor force consists of persons working part-time voluntarily and unemployed persons seeking part-time jobs. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part time.

The overall unemployment rate represents the number unemployed as a percent of the labor force, including members of the Armed Forces stationed in the United States.

The unemployment rate for all civilian workers is the percentage of unemployed persons in the civilian labor force. This measure can be computed for groups within the labor force, such as age, sex, race, ethnic origin, marital status, etc.

Participation rates represent the percentage of the population that is in the labor force. The labor force participation rate is the ratio of the labor force, including the resident Armed Forces, to the noninstitutional population; the civilian labor force participation rate is

the ratio of the civilian labor force to the civilian non-institutional population.

Employment-population ratios represent the percentage of the noninstitutional population that is employed. The total employment population ratio is total employment, including the resident Armed Forces, as a percent of the noninstitutional population. The civilian employment-population ratio is the percentage of all employed civilians in the civilian noninstitutional population.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are classified as "keeping house," "in school," or "unable to work" because of long-term physical or mental illness, "retired," and "other." The "other" group includes the voluntarily idle, seasonal workers for whom the survey week fell in an "off" season and who were not reported as looking for work, those reported as too old to work, and persons who did not look for work because they believed that no jobs were available because of the prevailing economic situation or because of various personal factors—age, lack of education or training, etc. Persons doing only incidental, unpaid family work (less than 15 hours during the survey week) are also classified as not in the labor force. For persons not in the labor force, detailed information is obtained on their previous work experience, intentions to seek work, desire for a job at the time of interview, and reasons for not seeking work.

Occupation, industry, and class of worker for the employed pertain to the job held in the survey week. Persons with two or more jobs are classified in the occupation at which they worked the greatest number of hours during the survey week. The unemployed in these categories are classified according to their last full-time job lasting 2 or more weeks. The occupation and industry groups used in the CPs through December 1982 are defined as in the 1970 census. Beginning in January 1983, they are defined as in the 1980 census.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, persons who usually work 40 hours a week but were off on the Columbus Day holiday would be reported as working 32 hours even though they were paid for the holiday. For persons working in more than one job, the data relate to the number of hours worked in all jobs during the week, and all the hours are credited to the major job.

Persons who worked 35 hours or more during the survey week are designated as working full time. Correspondingly, those who worked between 1 and 34 hours are designated as working part time. Part-time workers are classified by their usual status at their present job (either full or part time) and by their reason for working part time during the survey week



(economic or other reasons). Economic reasons include slack work, material shortages, repairs to plant or equipment, start or termination of a job during the week, and inability to find full time work. Other reasons include labor-management disputes, bad weather, own illness, vacations, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1 to 34 hours for noneconomic reasons but usually work full time.

Race of workers is described by the terms white, black, and other. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Facific Islanders. The term black is used in this volume when the relevant data are provided exclusively for the black population. Because of their relatively small sample size, data for "other" races are not published. In the enumeration process, race is determined by the household respondent.

Hispanic origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American, or other Hispanic origin or descent. Persons of Hispanic origin may be of any race; thus, they are included in both the white and black population groups.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Data are limited to men in the civilian noninstitutional populaton; i.e., veterans in institutions and women are excluded. Nonveterans are men who never served in the Armed Forces.

The poverty areas classification consists of all census geographic divisions in which 20 percent or more of the residents were poor according to the 1970 decennial census. Persons were classified as poor or not poor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farmnonfarm). While poverty areas have a substantial concentration of low income residents, many poor persons live outside these areas, and, conversely, the areas include many people who are not poor.

The metropolitan areas classification consists of the total of all areas encompassed by Standard Metropolitan Statistical Areas (SMSA's). The metropolitan area total is based on the number of SMSA's as defined in the 1970 decennial census and does not include any subsequent additions or changes. Nonmetropolitan areas refer to the total of all areas outside SMSA's. The nonmetropolitan total is disaggregated into farm and nonfarm components.

Usual weekly earnings data are provided from responses to the question "How much does . . . USU-ALLY earn per week at this job before deductions?"

Included are any overtime pay, commissions, or tips usually received. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of usual, interviewers are instructed to define the term as more than half the weeks during the past 4 or 5 months. Data refer to wage and salary workers and the incorporated self-employed, who usually v ork full time on their sole or primary job.

Single, never married; married, spouse present; and other marital status are terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were reported as members of the same household even though one may be temporarily absent on business, vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent, includes persons who are separated because of marital discord, as well as persons who are living apart because either the husband or the wife was employed and living away from home, serving in the Armed Forces, or had a different place of residence for any reason.

A household consists of all persons—related family members and all unrelated persons—who occupy a housing unit. A house, an apartment, a group of rooms, or a single room is regarded as a housing unit when occupied or intended for occupancy as separate living quarters.

A householder is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but relates only to persons in families maintained by either men or women without a spouse.

Family refers to a group of two or more persons residing together who are related by blood, marriage, or adoption; all such persons are considered as members of one family even though they may include a subfamily, that is, a married couple or a parent-child group related by blood or marriage to the housholder and sharing the living quarters. The count of families used in this publication includes primary families which include lodgers, guests, or resident employees living in a household but not related to the householder. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.



3

#### Historical comparability

Change in lower age limit. The lower age limit for official statistics on the labor force and employment and unemployment was raised from 14 to 16 years of age in January 1967. Insofar as possible, historical series have been revised to provide consistent information based on the population 16 years and over. For a detailed discussion of this and other definitional changes introduced at that time, including estimates of their effect on the various series, see "New Definitions for Employment and Unemployment," Employment and Earnings and Monthly Report on the Labor Force, February 1967.

Other changes affecting labor force levels. In addition to the changes introduced in 1967, there are several other periods of noncomparability in the labor force data: (1) Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; civilian labor force, employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected. (2) Beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the civilian labor force—four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected. (3) Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and civilian labor force and employment by about 200,000; unemployment totals were virtually unchanged. (4) Beginning in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; civilian labor force and employment totals were raised by a little more than 300,000; and unemployment levels and rates were essentially unchanged. (5) A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black-and-other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected. (6) Beginning in 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an inflation-deflation approach. This change in the derivation of the estimates had its greatest impact on estimates of 20- to 24-year-old males—particularly

those of the black-and-other population—but had little effect on 16-and-over totals. Additional information on the adjustment procedure appears in "CPS Popula-Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of Employment and Earnings. (7) Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000-30,000 men and 46,000 women. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population. (8) Beginning in 1978, the introduction of an expansion in the sample and revisions in the estimation procedures resulted in an increase of about 250,000 in the civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of Employment and Earnings. (9) Beginning in January 1979, the first-stage ratio estimation method was changed in the CPS estimation procedure. Differences between the old and new procedure exist only for metropolitan and nonmetropolitan area estimates, not for the total United States. The reasoning behind the change and an indication of the differences appear in "Change in the Estimation Procedure for the Current Population Survey Beginning in January 1979" in the February 1979 issue of Employment and Earnings. (10) Beginning in January 1982, the second-stage ratio adjustment methodology was changed in the estimation procedure. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1982" in the February 1982 issue of Employment and Earnings. In addition, current popluation estimates used in the second-stage estimation procedure are derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in total population and estimates of persons in all labor force categories. Rates for labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used is also described in the February 1982 article referred to above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 that are described above, and data users should make allowances for them in making certain data comparisons. Due to the absence of 1980 census population estimates, data contained in tables 49 and 59 through 62 have not been adjusted.



Beginning in January 1983, the first-stage ratio adjustment methodology was updated to account for results obtained from the 1980 census. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of Employment and Earnings. There are only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and virtually no differences in estimates of participation rates.

Changes in the occupational and industrial classification system. Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employment levels could not be made between 1971-72 and prior years nor between those 2 years. Unemployment rates were not significantly affected. For a futher explanation of the changes in the occupational classification system, see "Revisions in Occupational Classification for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of Employment and Earnings.

Beginning in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPs. These systems differ from those developed for the 1970 census which were used in the CPs from January 1971 through December 1982. While this conversion had little effect on industry-related data, the new occupational categories are so radically different that their implementation represents a break in historical data series.

Additional information on the 1980 census occupational and industrial classification systems appears in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of Employment and Earnings.

#### Sampling variability

Statistics derived from the CPS are subject to sampling error; that is, the estimates of employment, unemployment, and other labor force measures may differ from the figures that would be obtained if it

were possible to take a complete census, even if the same questionnaires and procedures were used. The standard error is the nicasure of sampling variation the variation that occurs by chance because a sample rather than the entire population is surveyed. The numerical value of a standard error depends upon the size of the sample, the results of the survey, and other factors. However, the numerical value is always such that the chances are 68 out of 100 that an estimate from the survey differs from a figure that would be obtained through a complete census by less than the standard error. The chances are 90 out of 100 that an estimate based on the sample will differ by no more than 1.6 times the standard error. At the 90-percent level of confidence—the confidence limits used by BLS in analysis of labor force data—the error for the monthly change in civilian employment is on the order of plus or minus 335,000; for total unemployment, it is 240,000; and for the unemployment rate it is 0.21 percentage point. Sampling errors for monthly surveys are reduced when the data are cumulated for several months, such as quarterly or annually. Tables B through K in the Explanatory Notes of Employment and Earnings provide approximations of the standard errors for unemployment and other labor force estimates derived from the CPS.

# Labor Force, Employment, and Unemployment in States and Areas

(Covers tables 42-44)

Data on the labor force, employment, and unemployment in State and sub-State areas are available from two major sources—the Current Population Survey (CPS) and the Federal-State Cooperative Program. This publication presents data from the CPS for regions and States. It provides annual averages for the employed and the unemployed by selected demographic characteristics based on population counts projected from the 1980 decennial census.

The official Bureau of Labor Statistics estimates for States, metropolitan areas, and central cities, which are the basis for determining the eligibility of an area for benefits under Federal economic assistance programs, result from the Federal-State Cooperative Program. BLS is responsible for establishing the estimating procedures; the State employment security agencies are responsible for developing the estimates. For all States, and the District of Columbia, the official annual average estimates are obtained directly from the CPS.



Table 1. Employment status of the noninstitutional population by sex, 1950-82

(Numbers in thousands)

<u> </u>		Labor force										
	:	· · · · ·	Employed							Unem	!	
Vaccand so:	Noninstitu-	t	Percent	r	Ţ · · ·	<u>;</u>		Ol. ==	•	:	1	Not in
Year and sex	tional population	Number	of popula- tion	Total	Percent of popula- tion	Resident Armed Forces	Total	Civilian  Agricul- ture	Nonagri- cultural industries	Num- ber	Percent of labor force	labor force
	<del></del>	<del> </del>	<del> </del>							,_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<del>†</del>	
TOTAL	i			! !	i		r I	:		•	į	
1950		63,377	59.7	60,087	56.6	1,169	58,918	7,160	51,758	3,288		42,787
1951		64,160	60.1	62,104	58.2	2,143	59,961	6,726	53,235	2,055		42,604
1952 1953 <sup>1</sup>	107,617	64,524 65,246	60.0	62,636	58.2 58.0	2,386	60,250	6,500	53,749 54,919	1,883 1,834	2.9	43,093 44,041
1954		65,785	59.7 59.6	63,410 62,251	56.4	2,231 2,142	61,179 60,109	6,260 6,205	53,904	3,532		44,678
	110,400	00,700	30.0	02,201	30.4	_,,,,,_	00,100	. 0,200	30,004	0,002	, ,,,	44,070
1955		67,087	60.0	64,234	57.5	2,064	62,170	6,450	55,722	2,852	4.3	44,660
1956	112,919	68,517	60.7	65,764	58.2	1,965	63,799	6,283	57,514	2,750	4.0	44,402
1957	114,213	68,877	60.3	66,019	57.8	1,948	64,071	5,947	58,123	2,859	4.2	45,336
1958	115,574	69,486	60.1	64,883	56.1	1,847	63,036	5,586	57,450	4,602	6.6	46,088
1959	117,117	70,157	59.9	66,418	56.7	1,788	64,630	5,565	59,065	3,740	5.3	46, <del>96</del> 0
1960 1	119,106	71,489	60.0	67.639	56.8	1,861	65,778	5.458	60,318	3,852	5.4	47,617
1961		72,359	60.0	67,646	56.1	1,900	65,746	5,200	60,546	4,714	6.5	48,312
1962 1		72,675	59.5	68,763	56.3	2,061	66,702	4,944	61,759	3,911	5.4	49,539
1963	124,422	73,839	59.3	69,768	56.1	2,006	67,762	4,687	63,076	4,070	5.5	50,583
1964	. 126,503	75,109	59.4	71,323	56.4	2,018	69,305	4,523	64,782	3,786	5.0	51,3 <del>94</del>
400E		70 10:		70.00		1	74 000		00.705	0.000		50 050
1965		76,401	59.5	73,034	56.9	1,946	71,088	4,361	66,726	3,366	4.4	52,0 <b>5</b> 8
1968 1967	130,180	77,892	59.8	75,017	57.6	2,122	72,895	3,979	68,915	2,875	3.7	52, <b>288</b> 52,5 <b>2</b> 7
1968		79,565 80,990	60.2	76,590 78,173	58.0 58.2	2,218 2,253	74,372 75,920	3,844 3,817	70,527 72,103	2,975 2,817	3.7	53,291
1969	136,573	82,972	60.8	80,140	58.7	2,238	77,902	3,606	74,296	2,832	3.4	53,602
	i						-					
1970		84,889	61.0	80,796	58.0	2,118	78,678	3,463	75,215	4,093	4.8	54,315
1971		86,355	60.7	81,340	57.2	1,973	79,367	3,394	75,972	5,016	5.8	55,834
1972 1		88,847	60.9	83,966	57.5	1,813	82,153	3,484	78,669	4,882	5.5	57,091
1974		91,203 93,670	61.3 61.7	86,838 88,515	58.3 58.3	1,774 1,721	85,064 86,794	3,470 3,515	81,594 83,279	4,365 5,156	4.8 5.5	57,687 58,171
				55,5.5	00.0	.,			55,5	••••		
1975	154,831	95,453	61.6	87,524	56.5	1,678	85,846	3,408	82,438	7,929	8.3	59,377
1976		97,826	62.0	90,420	57.3	1,668	88,752	3,331	85,421	7,406	7.6	59,991
1977 ,	160,689	100,665	62.6	93,673	58.3	1,656		3,283	88,734	6,991	6.9	60,025
1978 1	163,541	103,882	63.5	97,679	59.7	1,631	96,048	3,387	92,661 95,477	6,202 6,137	6.0 5.8	59,659 59,900
19/9	166,460	106,559	64.0	100,421	60.3	1,597	98,824	3,347	95,477	0,137	5.0	39,900
1980	169,349	108,544	64.1	100,907	59.6	1,604	99,303	3,364	95,938	7,637	7.0	60,806
1981	171,775	110,315	64.2	102,042	59.4	1,645	100,397		97,030	8,273	i 7.5	61,460
1982	., 173,939	111,872	64.3	101,194	58.2	1,668	99,526	3,401	9 <del>6</del> ,125	10,678	9.5	62,067
Men	i	:				t • [					ı	
1950	51,875	44,969	86.7	42,728	82.4	1 150	41 570	6,002	35,576	2,239	5.0	6,906
1951	51,839	45,113	87.0	43,892	84.7	1,150 2,112	41,578 41,780	5,534	36,246	1,221		6,725
1952			1		84.6	1	41,682	5,390	36,293	1,185		6,832
1953 1		45,828	86.6	44,625	84.3		42,430	5,253	37,177	1,202	2.6	7,117
1954		46,073	86.1	43,727		2,108		5,200	36,418	2.344	5.1	7,431
4055	• • • • • • •					!			!			- AA ·
1955		46,508	85.9	44,654	82 5	2,033	42,621	5.265	37,356	1,854	4.0	7,634
1956		47,027	86.0   te5.2	45,315	82.9	. 1,936	43,379	5,040 4,824	38,339 38,532	1,711 1,841	3.6	<b>7,633</b> 8,118
1958		47,118 47,341	85.3 84.8	45,278 44,243	82.0 79.2		43,357 42,423	4,596	37,827	3,098	6.5	8,514
1959			84.3	45,227	80 C		43,466		38,934	2,420	1 1	8,907
		ŧ	i ,		!	1					:	
1960 1		48,221	83.9	45,737	79 5	1,833	43,904		39,431	2,486	5.2	9,274
1961		48,525	83 4	45,528	78.3	- 1	43,656	4,296	39,359	2,997	6.2	9,633
1962 <sup>1</sup>	58,862 59,900	48,631 49,108	82.6 82.0	46,208 46,636	78.5 77.9	; 2,031 ; 1,979 ·	44,177 44,657	4,069 3,809	40,108 40,849	2,423 2,472	:	10,231 10,792
1964			81.6	40,636	78.0		45,474	3,609	41,782		; 5.0 ; ; 4.4 }	11,169
	-		<u> </u>	.,	1			_,	-,			
1965	-	50,175	81.3	48,260	78.2		46,340	3,547	42,792	1,914		11,527
1966 .	•	50,564	81.1	49,012	i	2,093		· ·	43,675	1,551		11,792
1967		51,173	81.1	49,665	78.7			3,164	44,315	•	ļ,	11,919
1968	,	51,752	808	50,333	78 6		48.114	3,157	44,957			12,315
1969	. 65,102	52,425	80.5	51,022	78.4	2,204	48,818	<b>2,963</b> i	45,855	1,403	. 27	12,677



Table 1. Employment status of the noninstitutional population by sex, 1950-82—Continued

[Numbers in thousands]

						Labor	force		•		•	
				•		 Emp	loyed			Unem	ployed :	
Year and sex	Noninstitu- tional population	Number	Percent   Of popula-	Total	Percent of	Resident Armed		Civilian	Nonagri- i	Num-	Percent of labor	Not i labo force
·		i i i	, tion	i Otal	popula- tion	Forces	Total	Agricul- ture	cultural industries	ber 	force	
Men—Continued		!	;		<u> </u> -	' ! ' !		, , , , , ,	; ; ,			
70	68,385	53,309	60.3	51,071	76.9	2,081	48,990	2,862	46,128	2,238	4.2	13,0
371		54,113	79.7	51,323	75 6	1,933	49,390	2,795	46,595	2,789	5.2	13,7
721		55,327	79.5	52,668	75,7	1,772	50,896	2,849	48,047	2,659	4 8	14,2
373 1		56,349	79.3	54,074	76.1	1,725	52,349	2,847	49,502	2,275	4.0	14,0
74		57,397	79,2	54,682	75.5	1,658	53,024	2,919	50,105	2,714	4.7	15,0
)75,	73,891	57,899	78.4	53,457	72.3	1,600	51,857	2,824	49,032	4,442	•	15,
76		58,756	78.0	54,720	72.6	1,582	53,138	2,744	50,394	4,036		16,
977 ,	1	59,959	76.1	56,291	73.3	1,563	54,728	2,871	52,057	3,867		16,
76	1	61,151	78.3	58,010	74.3		56,479	2,718	53,781	3,142		16,
979	•	62,215	78.2	59,096	74.3	1,489	57,607	2.686	54,921	3,120	5.0	17,
)80 <u>.</u>	80,877	62,932	77.8	58,665	72.5	1,479		2,709	54,477	4,267	6.8	17,
981,		63,486	77.4	58,909	71.8	1,512	57,397	2,700	54,697	4,577		16,
082		63,979	77.0	57,800	69.8	1,529	56,271	2,736	53,534	6,179	9.7	19,
Women	; ;	1		!	! 		<b>f</b> 1	!			!	
150	54,299	18,408	33.9	17,359	32.0	19	17,340	1,159	16,181	1,049		35,
)51 <mark></mark> ,	54,928	19,047	34.7	18,212	33.2	31	18,181	1,193	16,988	834		35,
52		19,307		18,606	33.5	38	18,568	1,111	17,458	698	3.6	36.
953 ¹		19,418		18,785	33 3	36	. 18,749	1,006	17,743	632	3.3	38,
954	56,958	19,711	34.8	18,523	32.5	. 33	! 18,490 :	1,006	17,486	1,166	6.0	37.
955		20,579		19,582	34.0		19,551		18,366	398		37
956		21,469	36.9			28	20,419	1,244	19,175	1,039		36. 37.
957	,	21,759	36.9		35.2	27	20,714	1,123	19,591	1,018	i	37
958		22,145		20,640	34.6	27	20,613	990	19,623	1,504	6.6	36,
959	60.561	22,510	37.2	21,191	35.0	27	21,164	1,033	20,131	1,320	5.5	1 30,
960 '	61,610	23,268	37.8	21,902	35 5	28	21,674	986	20,887	1,366		38
961		23,835	38.1	22,119	35.4	29	22,090	, 902	21,187	1,717	7.2	36
982 1		24,043	360	22,554	35 6	: 29	22,525			1,488		39,
963		24,731	38.3	23,132	35.9	, 27	-	678		1,598		39,
964	65,664	25,439	38.7	23,858	36.3	. 27	23,831	632	23,000	1,581	6 2	40,
965	66,758	26,227	39.3	24,775	37 1	27	24,748	814	23,934	1,452		
966		27,329	40.3	26,006	38.3	1 30	25,978	736	25,240	1,324		1 40
967	69,000	28,392	41.1	26,925	39.0	: 32	26,893		26,212	1,488	5.2	
968	., 70,213	29,238	41.6	27,841	39.7	34	27,807		27,147			
969 ,	. 71,470	30,547	42.7	29,118	40 7	34	29,084	643	28,441	1,429	4.7	; 40,
970	72,619	31,580	43.4	29,725	40.8	, 37	29,688	801	-			41
971	74,313	32,241	43.4	30,015	40.4	39	29,978			2,227	,	42
972 1,		33,520	43.9	31,298	41.0	<b>41</b>	31,257			2,222		42
973 1		34,853		32,764	42 1		32,715	622	32,093	2,089	8.0	43,
974		36,274	45.7	33,832	42.6	: 63	33,769	. 596	33,173	2,441	6.7	43,
975	: : 60.936	37,553	46.4	34,067	42.1	. 78	33,989			3,486		43
978		·	1	35,701	43.3	86	35,615		35,027	3,369		43
977	, 63,932		1	37,381	44 5	92	37,269	612		3,324		43,
978 1			50.0	39,669	46 4	100	39,569	689	36,900		7.2	42
	86,951	44,343	51.0	41,325	47.5	108	41,217	661	40,556	3,018	6.6	42
980	88,472	45,611	£ .6	: i 42,241	47.7	124	42,117	656	41,481	3,370		42
981			52.2	43,133		133	43,000			3.696		42
982	90,887		52 7	43,395	47.7	139	43,256	665	42,591	4,499	9.4	42

<sup>&</sup>lt;sup>1</sup> Not strictly comparable with data for prior years. For a further explanation, see the Technical Note on the Current Population Survey.



Table 2. Civilian noninstitutional population by sex, race, and age, 1948-82

[in thousands]

Vane		16 years		6 to 19 year	S 		20 years and over					
	sex, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 yea and ov
	TOTAL		:		j		: 	i				
948		103.068	8,449	4,265	4,185	94,618	11,530	22,610	20.097	16,771	12.885	10.7
949 .		103,994	8,215	4,139	4,079	95,778	11,312	22,822	20,401	17,002	13.201	11,0
150		104.995	8,143	4,076	4,068	96,851	11,080	23,013	20,681	17,240	42.460	44.0
	·····		7,865	4,096	3,771	96,755	10,167	22,843	20,863	17,240	13.469 13,692	11,3 11,7
52		105,231	7,922	4,234	3.689	97,305	9,389	23,044	21,137	17,716	13,889	12,1
153 <sup>1</sup> .		107,056	8,014	4,241	3,773	99,041	8,360	23,266	21,922	17,991	13.830	13,0
54		108,321	8,224	4,336	3,889	100,095	8,885	23,304	22.135	18,305	14,085	13,3
)55.		109,683	8,364	4,440	3,925	101,318	9,036	; ı <b>23,249</b>	; 22.248	18.642	14 200	127
			8,434	4,482	3,953	101,518	9,271	23,072	22,348 22,567	18.643 19,012	14,309 14,516	13.7 14,0
957		112,265	8,612	4,587	4,026	102,653	9,486	22,849	22,786	19,424	14,727	14,3
)58		113,727	8,986	4,872	4,114	104,737	9,733	22,563		19,832	14,923	14,6
59		115,329	9,618	5,337	4,282	105,711	9,975	22,201	23,207	20,203	15,134	14,9
60 <sup>1</sup> .		117,245	10,187	5,573	4,6 5	107,056	10,273	21,998	23,437	20.601	15.409	15,3
061		118,771	10,513	5,462	5,0! 2	108,255	10,583	21,829	23,585		15,675	15,6
62 1.		120,153	10,652	5,503	5,16 )	109,500	10,852	21,503	23,797	20.916	15.874	16.5
63		122,416	11,370	6,301	5,070	111,045	11,464	21,400		21,144	16,138	16,9
<del>6</del> 4		124,485	12,111	6,974	5,139	112,372	12,017	21,367		21,452 .	16,442	17,1
65		126,513	12,930	6,936	5,995	113,582	12,442	21,417	23,832	21,728	16,727	17,4
			13,592	6,914	6,679	114,463	12,638	21,543	23.579	21,977	17,007	17,7
67		129,874	13,480	7,003	6,480	116,391	13,421	22,057	23.313	22,256	17,310	16.0
68		132,028	13,698	7,200	6,499	118,328	13,891	22.912	23,036	22,534	17,614	13,3
<b>69</b>		134,335	14,095	7,422	6,673	120,238	14,488	23,645	22,709	22,806	17.930	18,6
70	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	137,085	14,519	7,643	6,876	122,566	15,323	24,435	22,489	23.059	18.250	19,0
71		140,216	15,022	7,849	7,173	125,193	16,345	25,337	22,274		18.581	19,4
72 1.	, ,,,,,,,	144,126	15,510	8,076	7,435	128,614	17,143	26,740	22,358	23.338	19,007	20,0
73 1		147,096	15,840	8,227	7,613	131,253	17,692	28,172	22,287	23,431	19,281	20,3
74		150,120	16,180	8.373	7,809	133,938	17,994	29,439	22,461		19,517	20,9
75		153,153	16,418	8,419	7,999	136,733	18,595	30,710	22,526	23.535	19,844	21,5
76 .	: ;	156,150	16,614	8,442	8,171	139,536	19,109	31,953	22,796	23,409	20,185	22,0
77		159,033	16,688	8,482	8.206	142,345	19,582	33,117	23,296	23.197	20.557	22.5
78 ¹.	······		16,695	8,484	8,211	145,216	20,007	34,091	24,099	22,977	20,875	23,1
79		164,863	16,657	8,389	8,268	148,205	20,353	35,261	24,861	22.752	21,210	23,7
	,	167,745	16,543	8,279	8,264	151,202	20,635	36.558	25,578 ,	22,563	21,520	24,3
		170,130	16,214	8,068	8,145	153,916	20.820	37,777	26,291	22.422	21,756	24,8
82	,,	172,271	15,763	7,714	6,049	156,508	20,845	38,492	27,611	22,264	21,909	25,3
	Men	į		1		i i	;					
48 49		49.996 ¦ 50,321 ¦	4,078 3,946	2,128 2,062	1,951 1,884	45,918 46,378	5,527 5,405	10.767 10,871	9,798 9,926	8,290 8,379	6,441 6,568	5,0 5,2
		!	j	i	ļ		-					
50		50,725	3,962	2,043	1,920	46,763	5,270	10,963	10,034	8,472	6,664	5,3
51 52			3,725	2,039	1,687	46,001	4,451		10,049	8,551	6.737	5,5
53 1		49,700 ± 50,750 ±	3,767 <u> </u> 3,623	2,121 2.122	1,647 1,701	45,932 46,927	3,788 3,482	10,855	10,164	8.655	6,798	5,6 6,1
54		51,395	3,953	2,174	1,780	47,441	3,509	11,020 11,067	10.632 10,718	8.878 9.018	6,798 6.865	6,2
. E				ŀ	į	Ţ						
55 56		52,109 5 52,723	4.022 4.020	2,225 2,238	1,798   1,783	48,086 48,704	3,708 ;	11,068	10,804	9,164	6.960	6,3 6,5
57		53,315	4,020	2,284	1,783	49,231 .	3,970 4,166	10,983 10,889	10.889 10,965	9.322 9.499	7.032 7.109	6,6
58	•	54,033	4.293	2,435	1,856	49,740	4,339	10,787	11,076	9.675	7,109	6,6
59		54.793	4,652	2,681	1,971	50,140	4,488	10,625	11,149	9,832	7,259	6,7
50 1		55.662	4,963	2,805	2,159	50,698	4,679	10,514		10.000	7.373	6,9
51	•	56.286	5,112	2,742	2,139	51,173	4,679 4,844	10,514	11.230 11,266	10.000	7.373 7,483	6,9 7,0
52 ¹		56,831	5.150 ,	2,764	2,386	51,681	4,925	10,440	11,389	10.112	7,403 7,610	7,0
33	-	57,921	5,496	3,162	2,334	52,425	5.240	10.207	11,363	10,102	7.740	7.5 7.5
34 .		58.847	5.866	3,503	2,364	52,981	5,520	10,144	11.466	10,402	7,873	7,5
35		59,782	6,318	3,488	2,831	53,463	5.701	10,182	11.427	10.512	7.990	7,6
66		60.262	6,658	3,478	3,180	53,603		10,102	11,294	10,598	8,099	7,7
57		60.905	6,537	3.528	3.010	54,367	5.977	10.495	11,161	10,335	8.218	7.8
88		61.847	6,683	3.634	3,049	55,185	6,127	10.944	11.040	10,819	8.336	7,8
59		62,898 .	6,928	3,741 .	3,187	55,969	6,379	11.309	10,890	10.935	8,464	7,9



Table 2. Civilian noninstitutional population by sex, race, and age, 1948-82—Continued (in thousands)

,	10	16 to 19 years				20 years and over						
/ear, sex, and race	18 years = and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 yea and ov	
Men-Continued												
70	64,304	7,145	3,848	3,299	57,157	6,861	11,750	10,810	11,052	8,590	8.0	
71	85,942	7,430	3,954	3,477	58,511	7,511	12,227	10,721	11,129	8,711	8,2	
72 1		7,705	4,081	3,624	60,130	8,061	12,911	10,762	11,167	8,895	8.3	
73 1		7,855	4,152	3,703	81,436	8,429	13,641		11,202	8,990	8,4	
74	70,808	8,012	4,231	3,781	62,796	8,600		10,834	11,315	9,140	8.6	
			:	-		8,950	14,899	10,874	11,298	9,286	: , 8,8	
75 78		8,134 8,244	4,252 4,266	3,852 3,976	64,158 65,515	9,237	-		11,243	9,444	' '_	
		8,288	4,290	4,000	66,904	9,477	_	11,260	11,144	9,616		
77	75,193	-		4,014	88,268	9,893	16,598		11,045		9,5	
78 79		8,309 8,310	4,295 1,251	• •	69,709	9,873	-		10,944	-		
				i		<u>'</u>	•	12,400	: . 10,861	10,042	9,9	
80 81	79,398 ¦ 80,511 :	8,260 8,092	4,195 4,087	4,064 4,005	71,138 72,419	10,023 10,116	17,833 18,427	12,400	10,797	10,042	10.	
82	81,523	7,879	3,911	-	73,644	10,136	18,787	13,410	10,726	10,215	10,	
	01,520	7,070	5,511	1	,	i				] •	!	
<b>Women</b> 48	53.071	4,371	2,137	2,234	48,700	8,003	11,843	10,299	8,481	6,444	5.0	
49	53,670	4,289	2,077	2,195	49,400	5,907			8,623	6,633	5,	
						1		10,647	; 1 <b>8.</b> 768	6.805	8,	
50		4,181	2,033	2,148	50,088 50,754	5,810 5,716	12,050 12,134	10,847	8,913	6.955	8,	
51		4,140	2,057	2,084	50,754	5,716			9,061	7.091	6,	
52		4,155	2,113	2.042	51,373	5,601	12,189	10,973		7,032	6,	
i3 ¹		4,191	2,119	2.072	52,114	5,478	12,248	11,290	9,113 9,287	1	7.	
54	56,925	4,271	2,162	2,109 :	52,654	5,376	12,237	!	!	i		
i5		4,342	2,215	2,127	53,232	5,328	12,181		9,479	7,349	7	
i6	58,228	4,414	2,244	2,170	53,814	5,301	12,089	11,678	9,690		7	
57		4,529	2,303	2,226	54,421	5,320		11,821	9.925	:	7	
5 <b>8</b>	59,890	4,893	2,437	2,256	54,997	5,394	11,776	11,949	10,157		7.	
59		4,966	2,656	2,311	55,570	5,487	11,576	12,058	10,371	7,875	8.	
30 1	61,582	5,224	2,768	2,456	56,358	5,594	11,484	12,207	10,601	8,038	8	
31		5,401	2,720	2,681	57,082	5,739		12,299	10,781	8,192	8,	
52 ¹		5,502			57,819	5,927	•	12,408	10,754	8,264	9.	
63		5,874		2,736	58,620	6,224		12,472	10,870	8,398	9.	
64		6,245	· _ · _	-	59,391	6,497	•	12,474	11,050	8,589	9,	
65	66,731	6,612	3,448	3,164 ·	60,119	8,741	11,235	12,405	11,216	8,737	9.	
66	67,795	6,934	3,436	•	60,860			12,285	11,379	8,908	9.	
67	68,988	6,943			62,028		11,562		11,551	9,092	10.	
		7,015	3,566		63,164			11,996	11,715	9,278	10	
38 39		7,015			64,269	-	12,336		11.871	9,466	10	
	. !	•		1		•			ì	1		
70		7,373	3,796	3,578	65,408			11,679	12,008		10	
71		7,591	3,895	3,697	66,682			11,553	12,115		11	
72 1	76,290	7, <b>8</b> 05	3,994	3,811	88,484	9,082	13,829		12,171		11	
73 1	77,804	7,985	4.076	3,909	69,819						11	
74		8.168	4,142	4,028	71,144	9,393	15,177	11,827	12,263	; 10,377	12	
75	80,860	8,285	4,168	4,117 <sup>1</sup>	72.578	9.645	15,811				12	
76	82,390	8,370	4,176		74,020	9,872	16,425		12,166		13	
77		8,400	4,193	4,206			17,008	12,036	12,053	10,940	13	
78 '		8,386	4,189				17,493	12,435	11,932	11,118	; 13	
79		•							11,808	11,303	14	
80	88,348	8,283	4,083	! : 4,200 ·	80,065	10,612	18,725	13,177	11,701	11,478	14	
80 81		8,121	3,981		81,497	10,705	19,350	•			14	
82		7,884		4,081			_		11,538		15	
	. 30,740	7,004			02,007			1	]			
WHITE	97,705	7,180	3,788	, 3,394	90,524	7,794	20,816	19,915	18,569	12,993	12	
54		7,180		3,419	91,586		20,742	20,110		13,169	12	
56		7,232	3,908	3,438	92,629		20,564	20,314		13,341	13	
57 . <b>.</b>		7,505	4,007	3,438	93,612	8,293	•	20,514	17,582	13,518	13	
					94,547		20,063		17,924	13,681	13	
58		7,843 8,430	4,271 4,707	3,573 3,725	95,370	8,697			18,257		13	
		:							1		14	
60 1	. 105,282	8,924	4,909	4.016	96,355	8,927		21,049	18.578 18.845		14	
61 .	108,604	9,211	4,785	4.427	97,390	9,203	19,289	21,189	1 -		15	
62 1	107,715	9,343	4.818	4,526	98,371	9,484	18,974	21,293			15	
63	109,705	9,978	5,549	4,430	99,725		18,867	21,398	19,082	14,681		
64 .	111,534	10,618	6,137	4,481	100,916	10,568	18,838	21,375	19,360	14,957	! 15	



Table 2. Civilian noninstitutional population by sex, race, and age, 1948-82—Continued [in thousands]

Y !	16 years	16 to 19 years			20 years and over							
Year, sex, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 year	
WHITE-Continued	į	:									!	
965İ	113,284	11,319	6,049	5,271	101,963	10,935	18.882	21,258	19,604	15,215	! 16,07	
966	114,566	11,862	5,993	5,870	102,702	11,094	18,989	21,005	19,822		16,3	
967	116,100	11,682	6,051	5,632	104,396	11,797	19,464	20,745	20,067	15,745		
968		11,840	6,225	5,616	106,107	12,184	20,245	20,474	20,310	16,018	16,87	
969	119,913	12,179	6,418	5,7 <b>6</b> 1	107,733	12,677	20,892	20,156	20,546	16,305	17,15	
970	122,174	12,521	6,591	5,931	109,652	13,359	21,546	19,929	20,760	16,591	17,46	
971		12,937	6,750	6,189	111,821	14,208	22,295	19,694	20,760	16,884		
972 1	127,906	13,301	6,910	6,392	114,603	14,897	23,555	19,673	20,950	17,250	18,2	
973 1		13,533	7,021	6,512	116,563	15,264	24,685	19,532	20,991	17,484		
974	132,417	13,784	7,114	€ 671	118,632	15,502	25,711	19,628	21,061	17,645	19,0	
975	124 700	10.044	7.400	0.000	100010	45.000					 	
976	134,790 137,106	13,941	7,132	6,808	120,849	15.980	26,746	19,641	20,981	17,918	19,5	
977	139,380	14,055 14,095	7,125	6,930	123,050	16,368	27,757	19,827	20,816	18,220	20,0	
978 1	141,612	14,060	7,150	6,944	125,285	16,728	28,703	20,231	20,575	18,540	20,5	
979	143,894	13,994	7,132 7,029	6,928 6, <b>96</b> 4	127,552 129,900	17,038 17,284	29,453 30,371	20,932	20,322	18,799	21,0	
	1,5,55	10,004	7,023	0,504	120,300	17,204	30,371	21,579	20,058	19,071	21,5	
980	146,122	13,854	6,912	6,943	132,268	17,484	31,407	22,174	19,837	19,316	22,0	
981	147,908	13,516	6,704	6,813	134,392	17,609	32,367	22,778	19,666	19,485	22,4	
982	149,441	13,076	<b>6</b> ,383	6,693	136,366	18,579	32,863	23,910	19,478	19,591	22,9	
Men										: '		
954	46,462	3,455	1,902	1,553	43,007	3,074	9,948	9.688	8,172	6,341	5,7	
955	47,076	3,507	1,945	1,563	43,569	3,241	9,936	9,768	8,303	6,398	5,9	
956	47,602	3,500	1,955	1,546	44,102	3,464	9,851	9,848	8,446	6,455		
957		3,556	2,000	1,557	44,563	3,638	9,758	9,917	8,605	6,518	6,1	
58	48,745	3,747	2,140	1,607	44,998	3,783	9,656	10,018	8,765	6,574	6,2	
959	49,408	4,079	2,370	1,710	45,329	3,903	9,499	10,081	8,909	6,639	6,2	
960 1	50,065	4,349 i	2,476	1,874	45,716	4,054	9,373	10,131	9,042	6,721	6,3	
<del>3</del> 61j	50,608	4,479	2,407	2,073	46,129	4,204	9,290	10,131	9,148	6,819	6,4	
962 1	51,054	4,520	2,426	2,094	46,534	4,306	9,080	10,239	9,191	6,917	6,80	
963	52,031	4,827	2,792	2,036	47,204	4,610	9,039	10,309	9,297	7,031	6,9	
964	52,869	5,148	3,090	2,059	47,721	4,862	9,024	10,301	9,417	7,153	6,96	
965	FO 604 1	5.544	0.050	0.400	40.40				,			
966	53,681 ! 54,061 .	5,541   5,820 ·	3,050	2,492	48,140	5,017	9,056	10,262	9,516	7,261	7,0	
967	54,608	5,671 +	3,023	2,798	48,241	4,974	9,085		9,592	7,362	7,0	
968	55,434	5,787	3,058 3,153	2,613	48,937	5,257	9.339	10,013	9,688	7,474	7,10	
969	56,348 :	6,005	3,153	2,635 2,759	49.647 50.343	5,376 5,589	9,752 10,074	9,902 : 9,7 <b>6</b> 0 :	9,790 ± 9,895 ±	7,585 7,705	7,2 7,3	
1		1	-1-1-1			,,,,,	10,014	0,700	0,000	7,700	7,0	
970	57.516	6,179	3,329	2,851	51,336	5,988	10,441	9,678	9,999	7,822	7,40	
971	58,900	6,420	3,412	3,008	52,481	6,546	10,841	9,578	10,066	7,933		
972 ' 973 '	60,473	6,627	3,503	3,125	53,845	7,042	11,495	9,568	10,078	8,089	7,5	
974		6,737	3,555	3,182	54,842	7,312	12,075	9,514	10,099	8,178	7,60	
// • · · · · · · · · · · · · · · · · · ·	62,791	6,851	3,604	3,247	55,942	7,476	12,599	9,564	10,165	8,288 ,	7,8	
75, ,	63,981	6,929	3,609	3,320	57,052	7,766	13,131	9,578	10,134	8,413	8,0	
76	65,132	6,993	3,609	3,384	58.138	7,987	13,655	9.674	10.063	8,556	8,2	
)77	66,301	7.024	3,625	3,399	59,278	8,175	14,139	9,880	9,957	8,708	8,4	
78 1	67,401	7,022	3,619	3,404	60,378	8,335	14,528	10,236	9,845	8,826	8,6	
979	68,547	7,007	3,568	3,439	61,540	8,470	15,008 i	10,563	9,730	8,949		
980	69,634	6,941 .	3,508	3,433 i	62,694	0.504	15.500		0.000	0.050	0.00	
81	70,480	6,764	3,401	3,363	63,715	8,581 8,644	15,529 , 16,005	10,863 : 11,171 :	9,636 9,560	9,059 · 9,139	9,02 9,19	
82	71,211	6,556	3,249	3,307	64,655	8,621	16,260	11,756	9,463	9,188	9,36	
Women			1		• · · · · · · · · · · · · · · · · · · ·	0,021	10,200	11,750	0,400	5,100	0,00	
154	51,242	3,725 .	1 884	1,841	47,517	4,720	10.870	10 227	9 207	6 650	0.01	
55	51,802	3.785	1,929	1,856	48,017	4,720	10,870 10,806	10,227 <sub> </sub> 10,342 ;	8,397 8,566	6,652 6,771	6,65 6,86	
56	52,373	3,846	1,953	1,892	48,527	4,642	10,808	10,342	8,752	6,686	7,06	
57	52,998	3,949	2,007	1,941	49,049	4,655	10,584	10,597	8,957	7,000	7,25	
58	53,645	4.096	2,131	1.966	49,549	4,715	10,407	10,716	9.159	7,107	7,44	
59	54,392	4,351	2,337	2,015	50,041	4,794	10,216	10,812	9,348	7,219	7,65	
60 1	55 014	, A E7E	0.400	0.440	E0 000	4.070	40.007	400:0	•			
	55,214 55,993	4,575	2,433	2,142	50.839	4.873	10,097	10,918	9,536	7,349	7,86	
161	22.553	4.732	2,378	2,354	51,261	4,999	9,999	10,991	9,697	7.485	8,08	
		/ <b>Q</b> 22	2 2/2	0.400	E4 007 '	E 470	0.004	44 054	0.004	7 500		
961 962 <sup>1</sup> 963	56.660 57 + 72	4,823 5,151	2,392 2,757	2,432 2,394	51,837 52,521	5,178 <sup>†</sup> 5,459	9,894 9,828	11 054 11 089	9,681 9,785	7,533 7,650	8,49 8,71	



Table 2. Givilian noninstitutional population by sex, race, and age, 1948-82—Continued [in thousands]

	16 years	1	6 to 19 years	8 	,,		20	years and or	7		•
Year, sex, and race	and over	Total	18 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 yea and ov
Vomen—Continued											; 
65	59,601	5,778	2,999	2,779	53,823	5,918	9,826	10,996	10,088	7,954	9,0
	60,503	6,042	2,970	3,072	54,461	6,120	9,904	10,869	10,230	8,107	9,2
066							10,125	10,732	10,379	8,271	9,4
67	61,470	6,011	2,993	3,019	55,459	6,540				8,433	9,6
68 69	62,512	6,053	3,072 3,172	2,981 3,002	56,460   57,390	6,809 7,089	10,493 10,818	10,572 10,396	10,520 10,651	8,600	9,8
	63,563	6,174	3,172	3,002	57,380	7,009	10,010				i
)70	64,656	6,342	3,262	3,080	58,315	7,370	11,105	10,251	10,761	8,769	10,0
971	65,857	6,518	3,338	3,180	59,340	7,662	11,454	10,117	10,841	8,951	10,3
72 1	67,431	6,673	3,407	3,267	60,758	7,855	12,060	10,105	10,872	9,161	10,7
73 1	68,517	6,796	3,466	3,331	61,721	7,951	12,610	10,018	10,891	9,306	10,
74	69,623	6,933	3,510	3,424	62,690	8,026	13,112	10,064	10,896	9,356	11,2
75	70,810	7,011	3,523	3,488	63,798	8,214	13,615	10,063	10,847	9,505	11,
76	71,974	7,062	3,516	3,546	64,912	8,381	14,102	10,153	10,752	9,664	11,
77	73,077	7,002	3,525	3,545	66,007	8,553	14,564	10,351	10,618	9,832	12,0
)78 ¹		7,071	3,52	3,524	67,174	8,704	14,926	10,696	10,476	9,974	12,
					68,360	8,815	15,363	11,017	10,327	10,122	12,
79	75,347	6,987	3,460	3,527	00,300	0,013	13,303	11,017	10,527		
80	76,489	6,914	3,403	3,511	69,575	8,904	15,878	11,313	10,201	10,256	13, 13,
81	77,428	6,752	3,303	3,449	70,677	8,965	16,362	11,606	10,106	10,346	
82	78,230	6,519	3,134	3,385	71,711	8,959	16,603	12,154	10,015	10,402	13,
BLACK									0.400	4 604	
72	14,526	2,018	1,061	956	12,508	2,027	2,809	2,329	2,139	1,601	1.
73 ¹	14,917	2,095	1,095	1,000	12,823	2,132	2,957	2,333	2,156	1,616	1.
74	15,336	2,137	1,122	1,014	13,199	2,137	3,103	2,382	2,202	1,679	1,
75	15,751	2,191	1,146	1,046	13,560	2,228	3,258	2,395	2,211	1,717	1,
76		2,264	1,165	1,098	13,932	2,303	3,412	2,435	2,220	1,736	1,
77		2,273	1,175	1,097	14,332	2,400	3,566	2,493	2,225	1,765	1,
78 1		2,270	1,169	1,101	14,701	2,483	3,717	2,547	2,226	1,794	1,
79	17,397	2,276	1,167	1,109	15,121	2,556	3,899	2,615	2,240	1,831	1,
	47.004	0.000	4 474	4 4 4 0	15,535	2,606	4,095	2,687	2,249	1,870	2,
80		2,289	1,171	1,119		2,642	4,290	2,758	2,260	1,913	2
)81		2,288	1,161 1,119	1,127 1,134	15,931 16,332	2,697	4,438	2,887	2,263	1,935	2,
82	18,585	2,252	1,119	1,134	10,332	2,007	7,750	2,007	2,200		
<b>Men</b> 172	6,538	978	525	453	5,559	921	1,251	1,026	963	720	
		1,007	539	468	5,697	979	1,327	1,027	962	718	
73 ¹ 74		1,007	554	471	5,848	956	1,381	1,055	997	753	
						4 000	1.450	1 000	997	769	
75	7,060	1,051	565	486	6,009	1,002	1,452	1,060	1	774	1
76		1,099	579	518	6,167	1,036	1,521	1,077	999	786	
	7,431	1,102	586	516	6,329	1,080	1,589	1,102	998	I .	
78 1		1,093	579	514	6,484	1,120	1,657	1,128	995	794 809	
79	7,761	1,100	581	519	6,661	1,151	1,738	1,159	998	009	
80	7 944	1,110	583	526	6,834	1,171	1,828	1,191	999	825	]
81		1,110	577	534	7,007	1,189	1,914	1,224	1,003	844	
82		1,098	556	542	7,186	1,224	1,983	1,282	1,003	848	
Women			ļ								
72	7,988	1,040	536	503	6,948	1,106	1,558	1,302	1,176	881	İ
73 1	8,214	1,088	556	532	7,126	1,153	1,631	1,306	j 1,194	898	i
74		1,110	567	542	7,352	1,181	1,723	1,327	1,206	926	 
75	8,691	1,141	581	560	7,550	1,226	1,806	1,334	1,213	948	1
77 J	8,931	1,165	585	580	7,7 <b>6</b> 5	1,266	1,890	1,357	1,220	962	1
)76	•			: .	8,003	1,320	1,978	1,390	1,228	979	1
)77	9,174	1.171	590	581	8,217	1,383	2,061	1,419	1,231	999	1
78 1		1,177	589	588		1	2,160	1,455	1,242	1,022	1
79	9,636	1,176	586	589	8,460	1,405	2,100	1,400	1,242	1,022	·
	9,880	1,180	587	593	8,700	1,435	2,267	1,496	1,250	1,045	1
		1,178	584	593	8,924	1,453	2,376	1,534	1,257	1,069	1
981							2,455	1,605	1,260	1,087	

<sup>1</sup> See footnote 1, table 1



Table 3. Civilian labor force by sex, race, and age, 1948-82

[In thousands]

	16 years	1	6 to 19 year	S .		,	. 20	years and o	ver		
Year, sex, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
TOTAL			İ				:				
948	. 60,621	4,435	, 1,780	2,654	56,187	7,392	14,258	13,397	10,914	7,329	2,897
949	61,286	4,288	1,704	2,583	57,000	7,340	14,415		11,107		3,010
950	62,208	4 216		. 0 557	57.004	7.007	14610	40.054	44.44	7.600	
51		4,216 4,103	1,659 1,743	2,557 <sup>1</sup> 2,360 :	57,994 57,914	7,307 6,594	14,619 14,668	13,954 14,100	11,444 11,739	7,633 7,796	3,036 3,020
152		4,103	1,806	2,257	58,075	5,840	14,904	14,100	11,739		
953 1	-, -, -, -, -,	4,027	1,727	2,299	58,989	5,481		15,099	12,249	-	3,236
)54		3,976	1,643	2,300	59,666	5,475	14,983	15,221	12,524		3,192
EE	65.000	4 000	4 - 4 4	1	00 004		-	!			:
55 56		4,092 4,2 <del>9</del> 6	1,711 1,878	2,382 2,418	60,931 62,257	5,666 5,940		15,400	12,992	8,513 8,830	3,305
57	.! 66,929 !	4,275	1,843	2,410	62,653	6,071			13,407 13,768	8,853	3,420 3,290
58	67,639	4,260	1,818	2,442	63,377	6,272	: :		14,179		3,199
59		4,492	1,971	2,522	63,876	6,413				9,227	3,158
				ł			1	1			
)60 ¹		4,841	2,095	2,747	64,788	6,702	14,362	16,269	14,852		3,19
)61 )62 ¹	. 70,459 . 70,614	4,936	1,984	2,951	65,524	6,950	14,319	16,402	15,071		3,146
163		4,916 5,139	1,919 2,171	2,997 2,966	65,699 66,695	7,082 7,473	14,023 14,050	16,589	15,096	9,757	3,154
64	73,091	5,138	2,171	2,966	67,702	7,473 7, <del>96</del> 3	14,050	16,788 16,771	15,338 15,637	10,00 <del>6</del> 10,182	3,04° 3,090
• • • • • • • • • • • • • • • • • • • •	70,001	5,555	E,440	2,040	07,702	7,500	14,050	10,771	13,037	10,102	3,080
65		5,910	2,486	3,425	68,543	8,259	14,233	16,840	15,756	10,350	3,108
66	75,770	6,558	2,664	3,893	69,219	8,410	14,458	16,738	15,984	10,575	3,053
67		6,521	2,734	3,786	70,825	9,010	15,055	16,703	16,172	10,792	3,097
68		6,619	2,817	3,803	72,118	9,305	15,708	16,591	16,397	10,964	3,153
69	80,734	6,970	3,009	3,959	73,763	9,879	16,336	16,458	16,730	11,135	3,227
70		7,249	3,135	4,115	75,521	10,597	17,036	16,437	16,949	11,283	3,222
71		7,470	3,192	4,278	76,913	11,331	17,714	16,305	17,024	11,390	3,148
72 '		8,054	3,420	4,636	76,980	12,130	18,960	16,398	16,967	11,412	3,114
73 1		6,507	3,665	4,839	80,924	12,846	20,376	16,492	16,983	11,256	2,974
74	91,949	8,871	3,810	5,059	83,080	13,314	21,654	16,763	17,131	11,264	2,934
75	93,775	8,870	3,740	5,131	84,904	13,750	22,864	16,903	17,064	11,346	2,956
76		9,056	3,767	5,288	87,103	14,284	24,203	17,317	16,982	11,422	2,695
77	. 99,009	9,351	3,919	5,431	89,658	14,625	25,500	17,943	16,878	11,577	2,934
78	. 102,251	9,652	4,127	5,526	92,598	15,370	26,703	18,821	16,691	11,744	3,070
79	104,962	9,638	4,079	5,559	95,325	15,769	27,938	19,685	16,897	11,931	3,104
80	106,940	9,376	3,883	5,49 <del>6</del>	97,561	15,922	29,227	20,463	16,910	11,985	3.054
81		6,988	3,647	5,340	99,682	16,099	30,392	21,211	16,970	11,969	3,042
82		8,526	3,336	5,189	101,679	16,082	31,186	22,431	16,889	12,062	3,030
<b>Men</b> 148	43,286	2,600	1,109	1,490	40,687	4,673	10,327	9,596	7,943	5,764	2,3 <b>84</b>
		2,477	1,056	1,420	41,022	4,682	10,418	9,722	8,008		2,4 <del>54</del>
50	43,819	2,504	1,048	1,456	41,316	4,632	10,527	9,793	9,117	5,794	2,453
51		2,347	1,081	1,266	40,655	3,935	10,375	9,799	8,205	5,873	2,469
52		2,312	1,101	1,210	40,558	3,338	10,585	9,945	8,326	5,949	2,418
53 1		2,320	1,070	1,249	41,315	3,053	10,736	10,437	8,570	5,975	2,543
54	43,965	2,295	1,023	1,272	41,669	3,051	10,771	10,513	8,702	6,105	2,526
55	.; 44,475	2,369	1,070	1,299	42,106	3,221	10,866	10,595	8,838	6,122	2,526
56 . , ,,		2,433	1,142	1,291	42,658	3,485	10,685	10,663	9,002	6,220	2,602
57		2,415	1,127	1,289	42,780	3,629	10,571	10,731	9,153	6,222	2,477
58		2,428	1,133	1,295	43,092	3,771	10,475	10,843	9,320	6,304	2,376
59, ,	45,886	2,596	1,206	1,390	43,289	3,940	10,346	10,899	9,438	6,345	2,322
60 1 , , .	46,388	2,787	1,290	1,496	43,603	4,123	10,251	10,967	9,574	6,399	2,287
61	46.653	2,794	1,210	1,583	43.860	4,253	10,176	11,012	9,668	6,530	2,220
62 <sup>1</sup>	46,600	2,770	1 178	1,592	43,831	4,279	9.920	11,115	9,715	6,560	2,241
63		2.907	1,321	1,586	44,222	4,514		11,187	9.836		
64 .	47,679	3,074	1,499	1,575	44,604	4,754	9,876	11,156	9,956	6,741	2,124
	48,255	3,397	1,532	1,866	44,857	4,894	9,903	11,120	10,045	6,760	2,132
	48,471	3,665		2.075	44,788	4,820		10,983	10,10C	•	
067	48 987	3,634	1,658	1,976	45,354	5,043	10,207	10,859	10,189	6,937	2,118



Table 3. Civilian labor force by sex, race, and age, 1948-82—Continued

[In thousands]

	40	16	to 19 years		1		20 <u>y</u>	years and ov	:		
Year, sex, and race	16 years ' and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and ove
Men—Continued		·	i		:			40.705	10.267	7,025	2,15
968		3,681 3,870	1,687 1,770	1,995 2,100	45,852 1 46,351 1	5,070 5,282	10,610 10,941	10.725 10.556	10,344	7,058	2,17
170 171 172 <sup>1</sup>	52,180 53,555 +	4,008 4,172 4,476 4,693		2,199 2,315 2,522 2,618	47,220 48,009 49,079 49,932	5,717 6,233 6,766 7,183	11,327 11,731 12,350   13,056	10,469 10,347 10,372 10,338	10,417 10,451 10,412 10,416 10,431	7,155 7,028	2.16 2.09 2,02 1,91 1,93
74 75 76	55,739 56,299	4,861   4,805   4,886	2,065	2,721 2,740 2,817	50,879 51,494 52,288	7,387 7,565 7,866	13,665 14,192 14,784	10,401 10,398 10,500	10.401 10.293	7,023 7,020 7,100	1,9 1,82 1,83
777 178 <sup>1</sup>	58,396 59,620	5,048 5,149 5,111	2,155 2,227 2,192	2,893 2,923 2,919	53,348 54,471 55,615	8,109 8,327 8,335	15,353 15,814 16,387	10,771 11,159 11,531	10,158 10,083 10,008	7,151 7,212	1,9 1,9
980 981 982	61.974	4,999 4,777 4,470	2,102 1,957 1,776	2,897 2,820 2,694	56,455 57,197 57,980	8,607 8,648 8,604	16,971 17,479 17,793	11,836 12,166 12,781	9,905 9,868 9,784		1.8 1.8 1.8
<b>Women</b> 4849	17,335 17,788	1,835 1,811	671 648	1,164 1,163	15,500 15,978	2,719 2,658	3,931 3,997	3.801 3.989	2,971 3,099	1,565 1,678	, 5
950 951	18.389 19.016 19.269 19.382	1,712 1,756 1,752 1,707 1,681	611 662 705 657	1,094 1,047 1,050	16,678 17,259 17,517 17,674 17,997	2,675 2,659 2,502 2,428 2,424	4.092 4.293 4.319 4.162 4.212	4,161 4,301 4,438 4,662 4,708	3,327 3,534 3,635 3,679 3,822		. 5 5 6
55 56 57 58	20,548 21,461 21,732 22,118	1,723 1,863 1,860 1,832	641 736 716 685	1,083 1,127 1,144 1,147	18,825 19,599 19,873	2.445 2.455 2.442 2.501 2.473	4,252 4,276 4,255 4,193 4,089	4,805 5,031 5,116 5,185 5,228	4.154 4.405 4.615 4.859 5.080	2,610 2,631 2,727	. 8
960 <sup>1</sup> 961 962 <sup>1</sup>	23,240 23,806 24,014 24,704	2,142 2,146 2,232	741 850	1,132 1,251 1,368 1,405 1,380 1,365	21,185 21,664 21,868 22,473 23,098	2,579 2,697 2,803 2,959 3,209	4,131 4,143 4,103 4,174 4,180	5,302 5,390 5,474 5,601	5,403 5,381 5,502	3,105 3,198 3,332	
965 965 967	26,200 27,299 28,360 29,204	2,873 2,887	954 1,055 1,076 1,130	1,559 1,818 1,810 1,808	23,686 24,431 25,475 26,266 27,413	3,365 3,590 3,966 4,235 4,597	4,330 4,510 4,848 5,098	5.720 5.755 5.844 5.866	5,884 5,983 6,130	3,727 3,855 3,938	
969 970 971 972 973	31,543 32,202 33,479 34,604	3,241 3,298 3,578 3,814 4,010	1,325 1,336 1,464 1,592	1,916 1,963 2,114 2,221	28,301 28,904 29,901	4,880 5,098 5,364 5,663 5,926	5,983 6,610 7,320	5,957 6,027 6,154	6,573 6,555 6,567	4,234 4,257 4,228	1, 1, 1,
975 976 977 978	37,475 38,983 40,613 42,631	4,065 4,170 4,303 4,503 4,527	1.674 1.698 1.765 1.900	2,391 2,470 2,538 2,603	33,410 34,814 36,310 38,128 39,708	6.185 6.418 6.717 7.043	9,419 10,149 10,888	6,817 7,171 7,662	6,689 6,720 6,807	4.402 4.477 4.593	1,
980 981 982	45,487 46,696	4,381 4,211 4,056	1.781 1.691	2,599 2,520	42,485	7,451	12,912	9,045	7,101	4,799	1
<b>WHITE</b> 954 955 956 957 958 958	58,085 59,428 59,754 60,293	3.775 3.757	1,511 1,656 5 1,637 7 1,615	2,087 2,113 2,135 2,144	54.487 55.657 55.979 56,536	4,941 5,194 5,283 5,448	13,267 13,154 3 13,044 9 12,884	13,728 14,000 14,117 14,257	11,680 12,061 7 12,382 7 12,727	7,810 8,080 2 8,09 7 8,254	) 3 ) 3 ! 3 ! 2
1960 ¹ 1961 1962 ¹ 1963	61,915 62,656	4,275 4,36 4,35 4,55	5 1,871 2 1,767 4 1,709 9 1,950	2,405 2,594 2,645 2,608	57,640 58,294 58,396 59,27	5.78 6.020 6.16 6.53	7 12.594 8 12.503 4 12.218 7 12.229	3   14,557 8   14,699 9   14,859	7 13,517 5 13,55 9 13,78	7 8,773 1 8,850 9 9,06	2 2 3 2 6 2 7 2



Table 3. Civilian labor force by sex, race, and age, 1948-82—Continued [in thousands]

Vasr say and	16 years	1	6 to 19 year	8	 	-	20	years and o	never		_
Year, sex, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years
WHITE—Continued								•		<del>den varior te de</del> una	<b>4</b> * ** ***** * **** * * * * * * * * * *
1965		5,267	2,221	3,044	60,870	7,189	! ! 12,391	14,900	14,162	9,392	2.83
1966	67,276	5,827	2,387	3,460	61,449	7,324	12,591	14,785	14,370	9,583	2.03
1967		5,749	2,432	3,318	62,950	7,886	13,123	14,765	14,545	9,817	2,75
1968	69,976	5,839	2,519	3,320	64,137	8,109	13,740	14,683	14,756	9,968	2,88
1969	71,788	6,188	2,698	3,470	65,611	8,614	14,289	14,564	15,057	10,132	
1970	73,556	6,442	2,824	3,617	67440	0.000	44.000				
1971	74.963	6,681	2,894	3,787	67,113 68,282	9,238	14,896	14,525	15,269	10,255	2,930
1972 ¹	77,275	7,193	3,096	4,098	70,082	9,889 10,605	15,445 16,584	14,374 14,399	15,343	10,351	2,880
1973 ¹	79,151	7,579	3.2 10	4,260	71,572	11,182	17,764	14,440	15,283 15,256	10,402 10,240	2,809
1974	81,281	7,899	3,441	4,459	73,381	11,600	18,862	14,644	15,230		2,687 2,656
1975	82,831	7.899	0.075	4 505		1				10,241	2,000
1976	84,787	8,088	3,375	4,525	74,932	12,019	19,897	14,753	15,308	10,287	2.668
1977	87,141	8,352	3,410 3,562	4,679 4,790	76,678	12,444	20,990	15,088	15,187	10,371	2,599
1978	89.634	8,555	3,715	4,839	78,789 81,079	12,892	22,099	15,604	15,053	10,495	2,647
1979	91,923	8,548	3,668	4,881	83,375	13,309 13,632	23,067 24,101	16,353	15,004	10.602	2,745
1000	1	i		4,001	03,373	13,032	24,101	17,123	14,965	10,767	2,787
1980	93,600	8,312	3,485	4,827	85,286	13,769	25,181	17,811	14,956	10,812	2,759
1981 1982	95,052	7,962	3,274	4,688	87,089	13,926	26,208	18,445	14,993	10,764	2,753
	96,143	7,518	3,001	4,518	88,625	13,866	26,814	19,491	14,879	10.832	2,742
Men		1		- 1	1	1	ļ	i		1	
1954	39,759	1,989	896	1,095	37,770	2,654	9,695	9,516	7,913	5,643	2,339
955	40,197	2,056	935	1,121	38,141	2,803	9,721	9,597	8,025	5,654	2,343
1956 1957	40,734	2,114	1,002	1,110	38,620	3,038	9,595	9,661	8,175	5.7.46	2,417
1958	40,826   41,080	2,108	992	1,114	38,718	3,152	9,483	9,719	8,317	5,735	2,307
959	41,397	2,118 2,279	1,001 1,077	1,116	38,964	3,278	9,386	9,822	8,485	5.800	2,213
1	41,557	2,2/8	1,077	1,202	39,118	3,409	9,261	9,876	8,581	5,833	2,158
1960 1	41,743	2,433	1,140	1,293	39,310	3,559	9,153	9,919	8,689	5,861	2,129
1961	41,986	2,439	1,067	1,372	39,547	3,681	9,072	9,961	8,776	5,988	2,068
962 1	41,931	2,432	1,041	1,391	39,499	3,726	8,846	10,029	8,820	5,995	2,082
963 964	42,404	2,563	1,183	1,380	39,841	3,955	8,805	10,079	8,944	6.090	1,967
1	42,894	2,718	1,345	1,371	40,178	4,166	8,800	10,055	9,053	6,161	1,942
965	43,400	2,999	1,359	1,639	40,401	4,279	8,824	10,023	0.430	6 4 8 0	4.050
966	43,572	3,253	1,423	1,830	40,319	4,200	8,859	9,895	9.130 9.189	6,188 6,250	1,959 1,928
967	44,041	3,191	1,464	1,727	40,851	4,416	9,102	9,785	9,260	6,348	1,944
968	44,553	3,236	1,504	1,732	41,318	4,432	9,477	9,662	9,340	6,427	1,981
969	45,185	3,413	1,583	1,830	41,772	4,615	9,773	9,509	9,413	6,467	1,996
970	46,035	3,551	1,629	1,922	42,483	4,988	10.000	0.444	0.407		
971	48,904	3,719	1,681	2,039	43,185	5,448	10,099 10,444	9,414 9,294	9,487	6,517	1,978
972 1	48,118	3,980	1,758	2,223	44,138	5,937	11,039	9,278	9,528 9,473	6,550 6,562	1,922 1,846
973	48,920	4,174	1,875	2,300	44,747	6,274	11,621	9,212	9,445	6,452	1,740
974	49,843	4,312	1,922	2,391	45,532	6,470	12,135	9,246	9,455	6,464	1,759
975	50,324	4,290	1 071	0.440	40.004				:		
976	51,033	4,357	1,871 1,869	2,418   2,489	46,034	6,642	12,579	9,231	9,415 :	6.425	1,742
977	52,033	4,496	1,949	2,468	46,675 47,537	6,890	13,092	9,289	9,310	6,437	1,657
978 1	52,955	4,565	2,002	2,563	48,390	7,097 7,274	13,575 13,039	9,509	9,175	6,492	1,688
979	53,858	4,537	1,974	2,563	49,320	7,421	14,415	9,858 10,183	9,068 8,968	6,508 6,571	1,744 1,761
980	54,473	4 404	4 004	[		i		10,100	0,000	0,571	1,701
981	54,473	4,424	1,881	2,543	50,049	7,479	14,893	10,455	8,877	€,618	1,727
982	55,133	4,224 3,933	1,751 1,602	2,473	50,671	7,521	15,340	10,740	8,836	6,530	1,704
· · · · · · · · · · · · · · · · · · ·	33,133	0,000	1,002	2,331	51,200	7,438	15,549	11,289	8,727	6,520	1,677
Women 954	17.057	1.510				1		į			
255	17,057 17,888	1.512	552	959	15,545	2,098	3,531	4,024	3,345	1,938	607
956	18,694	1,542 ± 1,657 ±	576	966	16,346	2,138	3,546	4,132	3,655	2,156	719
957	18.928	1,667	654 645	1,003	17,037   17,261	2,158	3,559	4,339	3,886	2,344	749
958	19.213	1,641	614	1,021	17,572	2,131 2,171	3,561	4.398	4.065	2,356	742
959	19,555	1,742	698	1,023	17,834	2,171	3,498 <sup>1</sup> 3,409	4,435 4,479	4,262 4,467	2,454 2, <b>5</b> 78	751 767
960 •	!		ł	į	!		:	7,710	7,70/	2,3/6	767
961	20,172	1.842	731	1,112	18,330	2,228	3,441	4,531	4,633	2,661	835
162 <sup>1</sup>	20,670 20,819	1,923	700 j	1,222	18,747	2,345	3,431	4,596	4,741	2,785	849
163	21,426	1,922 1,996	668 767	1,254 !	18,897 i	2,438	3.372	4.666	4,731	2,861	830
964	22,027	2.068	866	1,228 1,201	19,430	2,582	3,424	4.780	4.845	2,977	823
		-,000 !	000	1,201	19,959	2,786	3,435	4,797	4,990	3.078	875



Table 3. Civilian labor force by sex, race, and age, 1948-82—Continued

(in thousands)

	16 years !	11	6 to 19 years	,	,		. 20	years and o	, vei		
ear, sex, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 vears	65 yea and ov
omen—Continued		•		•	•		•				
35	. 22,737	2,268	862	1,405	20,469	2,910	3,567	4,877	5,032	3,204	8
56		2,574	944	1,630	21,130	3,124	3,732	4,893	5,181	3,333	8
67	24,658	2,558	968	1,591	22,100	3,471	4,021	4,980	5,285	3,469	8
38	25,423	2,603	1,015	1,588	22,821	3,677	4,263	5,021	5,416	3,541	9
<b>39</b>	26,593	2,755	1,115	1,640	23,83 <del>9</del>	3,999	4,516	5,055	5,644	3,665	. 9
'O		2,891	1,195	1,695	24,630	4,250	4,797	5,111	5,781	3,738	9
'1		2,962	1,213	1,748	25,097	4,441	5,001		5,816	3,801	Ş
21		3,213	1,338	1,875	25,945	4,668		5,121		3.839	į
73 <sup>1</sup>		3,405	1,445	1,960	26,825		6,143	5,228	5,811	3,788 3,777	(
74	31,437	3,588	1,520	2,068	27,850	5,131	; 6,727	5,399 .	5,920	3,777	
<sup>7</sup> 5		3,610	1,504	2,107	28,898	5,378		5,522		3,862	9
'6 ,		3,731	1,541	2,189	30,004	5,554		5,799			
<u>'</u> 7 ,		3,856	1,614		31,253	5,795	•	6,095	5,877	4,003	
78		3,990	1,713	2,276 1	32,589	6,035			5,936 5,997	4,094 4,196	. 1,I 1,I
79	38,067	4,011	1,694	<b>2,318</b> <sub>1</sub>	34,056	6,211	8,687	6,940	5,997	4,150	1,
30	39,127	3,888	1,805	2,284	35,239	6,290	10,289	7,356	8,079		1,1
8 <b>1 ., . , .</b>	40,157 :	3,739	1,523	2,216 .	36,418	6,406	10,868	7,704	6,157	4,235	
.; <b>;</b>	41,010	3,585	1,399	2,186	37,425	6,428	11,264	€,202	6,152	4,313	. <b>1,</b>
BLACK	:				70.0		0.407	4 705	1.406	909	ļ
<u>'2</u> ,	i	788		496	7,919	1,393	2,107	1,735		•	•
73 1		833	307	525	8,143		2,242		1,513		
74	9.167	851	317	534	8,317	1,492	2,358	1,777	1,517	, 917	
75		838	312	524	8,426	1,477			1,519	929	
76 <b>.</b>		841	304	532	8,724	1,544	2,646			925	
77 .,		861	304	557	9,072				1,530	943	:
78		930 912	341 340	589 572	9,501 9,766	1,739 1,793	2,961 3,094	1,975 , 2,039	1,560 1, <b>5</b> 84	978 974	
	. 10,010;		040	٠, _ ،			!				
30	10.865	891	326	565	9,975	1,802	3,259			978	
81	. 11,086	862	308	554	10,224	1,828	3,365		1,608 1,610	1,009 1,012	
82	. 11,331	824	268	556	10,507	1,849	3,492	, 2,303	1,010	1,012	Ť
<b>Men</b> 72	4,816	453	180	272 -	4,364	761	1,158	935	824	522	
73 1		460	175	286	4,464	819	1,217		942	499	
74	5,020	480	189	291	4,540	798	1,279	953	838	519	
75	5,016 ·	447	168	279	4,569	790	1,328	948	833	520	
76	5,105	458	168	285	4,648	820	1,383		824		
77	5,263	476	178	299	4,787	856		•	818		
78	5,435	491	186	306	4,943	883				540	
79	5,559	480	179	301	5,079	928	1,577	1,049	844	524	•
30 '	5,612	479	. 181	298	5,134	935	1,659	1,061	830	509	
81	5,685	462	169	293	5,223	940	1,702	1,090	829	524	
82	5,804	436	137	300	5,368	964	1,789	. 1,152	824	. 525	
Women								:			
72	3.890	335	113	224	3,555	632		800	672	387 402	
73 1 .	4,052	373	133	240	3,678	670		806	670 <b>6</b> 79	398	
74	4,148	371	128	243	3,777	; 694	1,079	824	618		
75	4,247	391	144	245 -		687	1,138	827	686	409	
76	4,460	384	136	247	4,076	723	1,264	855		421 429	
77 70	4,670	385	127	258	4,286	785	1,357	891 953	712 731	429	
78 70	4,997	439	155	283	4,558	856 865	1,456 1,517	990	731	459 451	
79	5,119	432	161	271 ·	4 687	000	. 1,317	990			
80	5.253	412	144	267	4,841	867	1,600	1,020	767	469	
81	5,401	400	139	261	5.001	888	1.663	1,071	779 786	485 487	
82	5.527	387	131	256	5,140	885	1,723	1,151	/80	40/	

<sup>&</sup>lt;sup>1</sup> See footnote 1, table 1



Table 4. Civilian labor force participation rates1 by sex, race, and age, 1948-82

	16 years	1	6 to 19 year	8			20	years and o	ver		,
Year, sex. and race	and over	Total	16 to 17 years	16 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 year and ove
TOTAL											
948	58.8	52.5	41.7	63.4	59.4	64.1	63.1	66.7	65.1	56.9	27
949	58.9	52.2	41.2	83.3	59.5	64.9	63.2	67.2	65.3	56.2	27
950	59.2	51.8	40.7	82.9	59.9	65.9	63.5	87.5	66.4	56.7	26
951		52.2	42.8	62.8	59.8	64.8	64.2	87.8	67.2	56.9	25
952	59.0	51.3	42.7	61.2	59.7	82.2	64.7	68.0	67.5	57.5	24
953	58.9	50.2	40.7	60.9	59.8	81.2	64.0	68.9	68.1	58.0	24
954	58.8	48.3	37.9	59.1	59.8	61.6	64.3	68.6	68.4	58.7	23
955		48.9	38.5	60.7	60.1	82.7	64.8	68.9	69.7	59.5	24
956	60.0	50.9	41.9	81.2	60.7	64.1	64.8	89.5	70.5	60.8	24
957	59.8	49.6	40.2	60.4	60.4	64.0	64.9	89.5	70.9	60.1	22
95 <b>8</b>	59.5	47.4	37.3	59.4	60.5	64.4	85.0	89.6	71.5	60.5	21
95 <b>9</b>	59.3	48.7	38.9	58.9	60.4	64.3	85.0	89.5	71.9	61.0	21
960		47.5	37.8	59.5	60.5	85.2	85.4	89.4	72.2	60.9	20
961	59.3	48.9	36.3	58.4	60.5	65.7	85. <b>6</b>	89.5	72.1	61.5	20
962		48.1	34.9	58.2	60.0	65.3	65.2	69.7	72.2	61.5	19
963	,	45.2	34.5	58.5	60.1	85.1	65.6	70.1	72.5	62.0	17
964	58.7	44.5	35.1	57.2	60.2	<b>66</b> .3	65.8	70.0	72.9	61.9	18
965		45.7	35.8	57.1	60.3	66.4	66.4	70.7	72.5	61,9	17
966		48.2	<b>38</b> .5	58.3	60.5	66.5	87.1	71.0	72.7	62.2	17
967	59.8	48.4	39.0	58.4	60.9	87.1	68.2	71.6	72.7	62.3	17
968	59.8	48.3	39.1	58.5	60.9	67.0	68.6	72.0	72.6	62.2	17
969	60.1	49.4	40.5	59.3	81.3	68.2	89.1	72.5	73.4	62.1	17
970		49.9	41.0	59.8	81.6	89.2	89.7	73.1	73.5	61.8	17
971	60.2	49.7	40.7	59.8	81.4	89.3	89.9	73.2	73.2	61.3	16
972	60.4	51.9	42.3	62.4	61.4	70.8	70.9	73.3	72.7	60.0	15
973 974	60.8 61.3	53.7 54.8	44.5 45.5	63.6 64.8	81.7 <b>62</b> .0	72.8 74.0	72.3 73.6	74.0 74.6	72.5 72.7	58.4 57.6	14
											ľ
975 976		54.0 54.5	44.4 44.8	64.1 64.7	62.1 82.4	73.9 74.7	74.4 75.7	75.0 78.0	72.8 72.5	57.2 <b>56.6</b>	13 13
977	62.3	5 <del>6</del> .0	48.2	66.2	63.0	75.7	77.0	77.0	72.8	56.3	13
978	83.2	57.8	48.8	87.3	63.8	7 <b>6</b> .8	78.3	78.1	73.5	56.3	13
979	63.7	57.9	48.8	87.2	64.3	77.5	79.2	79.2	74.3	56.2	13
980	63.8	56.7	48.9	66.5	84.5	77.2	79.9	80.0	74.9	55.7	12
981	83.9	55.4	45.2	85.6	64.8	77.3	60.5	80.7	75.7	55.0	12
982		54.1	43.2	64.5	65.0	77.1	81.0	81.2	75.9	55.1	11
Men											
948		63 7	52.1	78.4	88.8	84.8	95.9	97.9	95.8	89.5	46
949	86.4	62.8	51.2	75.4	88.5	86.8	95.8	37.9	95.8	87.5	47
950		63.2	51.3	75.9	88.4	87.9	96.0	97.8	95.8	86.9	45
951		83.0	53.0	75.0	88.2	88.4	96.9	97.5	95.9	87.2	44
952		61.3	51.9	73.5	68.3	88.1	97.5	97.8	96.2	87.5	42
953 954		<b>60.</b> 7 58.0	50.4 47.1	73.4 71.5	88.0 87.8	87.7 87.0	97.4 97.3	98.2 98.1	96.5 96.5	87.9 68.7	41 40
				-							
955 956		58.9 60.5	48.1 51.0	72.2 72.5	87.8 87.8	86.8 87.8	97.6 97.3	98.1 97.9	96.5 96.5	87.9 88.5	38 40
957		59.1	49.3	72.5	86.9	87.0	97.3 97.1	97.9	96.3	87.5	37
058		56.6	48.5	89.7	88.8	86.9	97.1	97.9	96.3	87.8	39
059		55.8	45.0	70.8	86.3	88.8	97.4	98.8	96.0	87.4	34
960	83.3	56.1	480	89.3	86.0	88.1	97.5	97.7	95.7	86.8	33
961		54 6	44.1	66.8	85.7	87.8	97.5	97.8	95.6	87.3	31
962		53.8	42.8	66.7	84.8	88.9	97.2	97.8	95.6	86.2	30
963	81.4	52.9	41.8	68.0	84.4	86.1	97.1	97.5	95.7	86.2	28
964	81.0	52.4	42.8	66.7	84.2	86.1	97.3	97.3	95.7	85.6	26
965	80.7	53.8	43.9	85.9	83.9	85.8	97.3	97.3	95.8	84.6	27
966	80.4	55 <b>3</b>	46.3	85.2	83.6	85.1	97.3	97.2	95.3	84.5	27
967		55.6	47.0	85.8	83.4	84.4	97.2	97.3	95.2	84.4	27
368		55.1	48.4	65.4	83.1	82.8	96.9	97.1	94.9	84.3	27
∌69	79.8	55.9	47.3	65.9	82.8	82.8	96.7	96.9	94.6	83.4	27



Table 4. Civillan labor force participation rates by sex, race, and age, 1948-82—Continued

i	40	1	6 to 19 years	,			20	years and ov	ver		
rear, sex. and race	18 years	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 year and Ove
				:							
Men—Continued	1			!			00.4		04.2	920	26
70;	79.7	56.1	47.0	66.7	82.6	83.3	96.4	96.9	94.2	83.0	25
71	79.1	56.1	46.9	66.6	82.1	83.0	96.0	96 5	93.9	822	24
72	79.0 <sup>‡</sup>	58.1	47.9	69.6	81.6	83.9	95.7	96.4	93.2	80 5	-
73	78.8	59.7	50.0	70.8	81.3	85.3	95.7	96.2	93.0	78 3	22
74		60.7	50.6	72.1	81.0	86.0	95.9	96.0	92.2	77 4	22
'5	: 77.9	59.1	48.6	70.7	80.3	84.6	95.3	95.7	92 1	758	2
		59.3	48.5	71.0	79.8	85.2	95.3	95.4	91.6	74.5	2
76			50.3	72.5	79.7	85.7	95.4	95.7	91.2	740	2
77		60.9	:	73.0	79.8	86.0	95.4	95.7	91.3	73.5	2
78		62.0	51.9				1	95.8	91.4	73.0	20
79	77.9	61.5	51.6	72.1	79.8	86.6	95.4	93.0	, 51.4		•
30	77.4	60.5	50.1	71.3	79.4	85.9	95.2	95.5	91.2	72.1	1
B1	77.0	59.0	47.9	70.4	79.0	85.5	94.9	95.4	¦ 91.4		11
32		56.7	45.4	67.9	78.7	84.9	94.7	95.3	91.2	70.2	1
Women			i !		 					1	
48	32.7	42.0	31.4	52.1	31.8	45.3	33.2	36.9	35.0		
49	! '	42.4	31.2	53.0	32.3	45.0	33.4	38.1	35.9	25.3	
50	33.9	41.0	30.1	51.3	33.3	46.0	34.0	39.1	37.9	27.0	
50	1		32.2	52.5	34.0	46.5	35.4	39.8	39.6	27.6	'
51		42.4		t .		44.7	35.4	40.4	40.1	28 7	
52		42.2		51.2	34.1		1	41.3	40.4	29 1	1
53		40.7	31.0	50.7	33.9	44.3	34.0	t	41.1	30.1	
54	. 34.6 <sub>1</sub>	39.4	28.7	50.4	34.2	45.1	34.4	41.2	41.1	1 30.1	:
55	. 35.7 <sup>1</sup>	39.7	28.9	50.9	35.4	45.9	34.9	41.6	43.8	32.5	. 1
56		42.2	32.8	51.9	36.4	46.3	35.4	43.1	45.5	34.9	1
57		41.1	31.1	51.4	36.5	45.9	35.5	43.3	46.5	34.5	1
58		39.0	28.1		36.9	46.3	35.6	43.4	47.8	35 2	! <b>1</b>
59		38.2	28.9	'	37.1	45.1	35.3	43.3	49.0	36.6	1
•		00.0	20.4	50.9	! i 37.6	46.1	36.0	43.4	49.8	37.2	· 1
60		39.3	29.1			47.0	36.4	43.8	50.1	37 9	. 1
<b>6</b> 1 <b></b>		39.7	28.5	51.0		1	36.3	44.1	50.0	38.7	:
62		39.0	27.1	50.8	37.8	47.3	i	44.9	50.6	39.7	,
<b>63</b>	. 38.3	38.0	27.1	50.5	38.3	47.5	37.1	i		40.2	
64	38.7	37.0	27.4	49.2	38.9	49.4	37.2	45.0	51.4	40.2	
65	: .; 39.3		27.7	49.3	39.4	49.9	38.5	46.1	50.9	41.1	; 1
66		41.4	30.7	52.0	40.1	514	39.8	46.9	51.7	i 41.8	•
	•	41 6			,	53.3	41.9	48.1	51.8	420	•
67	•	41.9	31.7		41.6	54.5	1	48.9	52.3	424	•
68		43.2			42.7	56.7		49.9	53.8	43.1	
69	, 42.7 !	43.2 	33.7	!	1				İ	40.0	-
70	43.3	44.0		53.6		57.7		51.1	54.4	43 0	,
71		† 43.4	34.3	53.1	43.3	57.7	!	51.8	54.3	•	
172	43.9	45.8	36.6	55.5	43.7	39.0		52.0	53.9	42 1	
73		47.8	39.1	56.9	44.4	61.1	50.1	53.3	53 7		
74		49.1	40.4	58.1	45.3	63.0	52.4	54.7	5+.6	40.7	i
)75	46.0		40.2	58.1	46.0	84.1	54.6	55.8	54.6	41.0	;
				;		65.0			55.0	41 1	•
976					48.1	66.5		I	55.8	410	
)77		51.2				68.3	!	1	57.1	414	
78		1		62.1				1	58.4		
79	., 51.0	54.2	45.8	62.9	50.6	69.1	63.8	03.0	30.4		
	. 51 5	52.9	43.3	619		68.9			1	41 3	
				60.9	52.1			L	'	41.4 41.8	
	. 52.6	51 4	41.0	61.2	52.7	69.8	68.0	68 0	01.0	4.0	
WHITE			= =	1		1 040	00.5	68 0	67.9	58 4	:
954				60.5				1			
955	58 7	49.3	39.0	610			1				
956	59 4	51 3	42.4	61 5	60.1			1			
957	E0 4	50.3		. 61 C	578					•	
	58.9	47 9			59.8	64.1	64.2				
	58.7		37.7	59.7		1		68.7	i 71.5	60 7	



Table 4. Civilian labor force participation rates¹ by sex, race, and age, 1948-82—Continued

	,			<del></del>							
Voca con and and	16 years	11	6 to 19 year	S				years and o	ver		
Year, sex, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
WHITE—Continued	i	i 1		: 							:
960	58 8	47 9	38.1	59.9	59.8	64.8	64.7	68.6	71.7	60 6	. 20.1
961		47.4	36.9	58.6	59.9	65.5	64.8	68.8	71.7	61.3	20.0
962	58.3	46.6	35.5		59.4	65.0	64.4	69.0	71.8	61.3	19.0
963	58.2	45.7	35.1	58 9	59.4	64.9	64.8	69.4	72.3	61.8	17.1
964	58.2 ,	45 1	36.0	57.4	59.6	65.6	64.9	69.5	72.5	61.8	17.6
965	58.4	46.5	36.7	57.7	59.7	65.7	65.6	70.1	72.2	61.7	17.
966	58.7	49.1	39.5	58.9	59.8	66.0	66.3	70.1	72.2	61.9	17.
967	59 2	49.2	40.2	58.9	60.3	66.8	67.4	71.2	72.5	62.3	17.
)68	59.3	49.3	40.5	59.1	60.4	66.6	67.9	71.7	72.7	62.2	17.
969	59.9	50.6 į	42.0	60.2	60.9	67.9	68.4	72.3	<b>73</b> .3	62.1	17.
770	60.2	51.4	42.8	61.0	61.2	69.2	60.4	70.0	706	61.0	40
71		51.6	42.9	61.2	61.1	69.6	69.1 69.3	72.9 73.0	73.6 73.4	61.8 61.3	16.0 16.1
72	60.4	54.1	44.8	64.1	61.2	71.2	70.4	73.2	73.4 72.9	60.3	15.4
73	60.8	56.0	47.3	65.4	61.4	73.3	72.0	73.9	72.7	58.6	14.4
)74 <sub>.</sub>	61.4	57.3	48.4	66.8	61.9	74.8	73.4	74.6	<b>73</b> .0	<b>58</b> .0	13.9
75	61.5	56.7	47.0	60 5	60.0	75.6		/			_
76	61.8	57.5	47.3 47.9	66.5 67.5	62.0   62.3	75.2	74.4	75.1	73.0	57.4	13.0
77		59.3	49.8	69.0	62.3   62.9	76.0 77.1	75.6 77.0	76.1 77.1	73.0 <sup>1</sup> 73.2 <sup>1</sup>	56.9 56.6	13.0 12.9
78	63.3	60.8	52.1	69.8	63.6	78.1	78.3	77.1 78.1	73.2 73.8	56.4	13.
79 <sup>;</sup>	63.9	61.1	52.2	70.1	64.2	78.9	79.4	79.4	74.6	56.5	12.9
;				i	_ :	ļ					
30 31	1	60.0	50.4	69.5	64.5	78.7	80.2	80.3	75.4	<b>56</b> .0	12.9
32	64.3 64.3	58.9 57.5	48.8 47.0	68.8 <sup>1</sup> 67.5 <sub>1</sub>	64.8	79 1	81.0	81.0	76.2	55.2	12.2
	<b>U4.3</b>	37.3	47.0	67.5	65.0	78.9	81.6	81.5	76.4	55.3	12.0
Men i4	95.6	57.0	47.4	70.4	07.0	i 20. 1					
5	85.6 85.4	57.6   58.6	47.1 48.0	70.4 <sup>-</sup> 71.7 <sup>-</sup>	87.8 ; 87.5 ,	86.4	97.5	98.2	96.8	89.2	40.4
6	85.6	60.4	51.3	71.7	87.5 <sup>1</sup>	85.6   87.6	97.8 97.4	98.3 98.1	96.7 96.8	88.4	39.5
57	84.8	59.2	49.6	71.6	86.9	86.7	97.2	98.0	96.6 i	88.9 88.0	40.0 37.7
58	84.3	56.5	46.8	69.4	86.6	86.7	97.2	98.0	96.6	88 2	35.7
59	83.8	55.9	45.4	70.3	86.3	87.3	97.5	98.0	96.3	87.9	34.3
60	83.4	55.9	46.0	69 0	86.0	87.6	07.7	07.0	064	07.0	Or. f
61	83.0	54.5	44.3	66.2	85.7	87.6	97.7 97.7	97.9 97.9	96.1 95.9	87.2 87.8	3ა.3 31.9
32	82.1	53.8	42.9	66 4	84.9	86.5	97.4	97.9	<b>96</b> .0	86.7	30.6
<b>33</b>	81.5	53.1	42.4	67.6	84.4	85.8	97.4	97.8	96.2	86.6	28.4
64	81.1	52.7	43.5	66.6 j	84.2	85.7	975	97.6	96.1	86.1	27.9
6 <b>5</b>	80.8	54.1	44.6	65.8	83 9	85.3	97 4	97.7	95.9	05.0	07.0
36	80 6	55.9	47.1	65.4	83.6	84.4	97.5	97.6	95.8	85.2 84.9	27.9 27. <i>2</i>
37	80 7	56.3	479	66.1	83.5	64.0	97.5	97.7	95.6	84.9	27.1
<b></b>	80 4	55 9	47.7	65 7	83.2	82.4	97.2	97.6	95.4	84.7	27.3
69	80 2	56 8	48.8	66.3	<b>83</b> .0 .	82.6	97.0	97.4	95.1	83.9	27.3
0	80 O	57 5	48.9 ±	67.4 ·	828;	000	00.7	07.0	040	00.0	
'1	79 6	57.9	49.2	67.8	82.3 ·	83.3 ¦ 83.2 ¡	96.7 96.3	97.3 97.0	94.9 94.7	83.3 82.6	<b>26</b> .7 25.6
2	79 6	60 1	50.2	71.1	62.0	84.3	96.0	97.0	94.0	81.2	24.4
<b>'3</b>	79 5	62 O	5 7 T	72.3	81.6	85.8	96.3	96.8	93.5	79.0	22.8
<b>'4</b>	79 4	62.9	53 3	73.6	81.4	86.5	96.3	96.7	93.0	78.1	22.5
'5 . ·	78 7	61.9	51.8	72.8	80.7	85.5	95.8	96.4	00.0	70 5	04.0
6 .	78.4	62 3	51.8	73.5	80.3	86.2 <sup>1</sup>	95.9 i	96.4	92.9 92.5	76.5   75.4	21.8 20.3
7	78 5	64 0	53.8	74.9	80.2	86.8	960	96.2	92.2	74.7	20.3
8	7 <b>8 6</b>	<b>65</b> 0	55 3	75.3	80 1	87 2 <sup>!</sup>	960	963	921	73 9	20.4
9	7 <b>8</b> 6	<b>648</b> .	55.3	74.5	80.1	<b>87.6</b> :	<b>96</b> .1 <i>i</i>	96.4	92.2	73.6	20.1
0	78 2	63 7	53 6	74.1	798	87 2	95 9	96 2	92.1	73.1	40.4
1	77 9	62 4	51 5	73.5	79.5	87.0 ·	958	96 2 ; 96 1 ;	92.1	73.1	19.1 18.5
12	77 4	60.0	49.3	70.5	79 2	86.3	95.6	96.0	92.2	71.0	17.9
Women				!		1	İ	1 F			
4	33.3	40 6 <sup>1</sup>	29.3	52 1	32 7	444	32 5	39.4	39.8	29.1	9.1
5	34 5	40 7	29 9	52 0 i	34.0	45.8 <sup>[</sup>	32.8	39.9	42.7	31.8	10.5
. <b>6</b>	35 7	43 1	33.5	53.0	35.1	46 5	33.2	41.5	44.4	34.0	10.6
57	35 7 35 0	42.2	32 1	,526	35.2	458 :	33 6	41.5	45.4	33.7	10.2
58 59	35 8 38 0	40 1 39 6	28.8 29.9	<b>52</b> 3 <b>50</b> 8	35 5 35 6	46 1 44 5	33 6	41.4	46.5	34.5	10.1
			2u u	•u i ∺	15.6	44 6	<b>33.4</b> +	41.4	47.8	35.7	10.2



Table 4. Civilian labor force participation rates 1 by sex, race, and age, 1948-82—Continued

	16 years	1	6 to 19 years					years and o	1	,	
Year, sex, and race	and over	Total	16 to 17 ye <b>ars</b>	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 yea and ov
Vomen—Continued											:
160	36.5	40 3	300	51.9	38.2	45.7	34.1	41.5	i 48.6	36.2	. 10
<b>16</b> 1		40.6	29.4	51.9	36.6	46.9	34.3	418	48.9	37.2	10
062		39.8	27.9	51.6	36.5	47.1	34.1	42.2	48.9	38.0	] (
)63		38.7	27.9	51.3	37.0	47.3	34.8	43.1	49.5	38.9	
64		37.8	28.5	49.6	37.5	48.8	35.0	43 3	50.2	39.4	•
65	. 38.1	39.2	28.7	50.6	38.0	49.2	36.3	44.3	49.9	40.3	;
66	1 1	42.6	31.8	53.1	38.8	51.0	37.7	45.0	50.6	41.1	
67	.i 40.1	42.5	32.3	52.7	39.8	53.1	39.7	46.4	50.9	¦ 41.9	! !
68		43.0	33.0	53.3	40.4	54.0	40.6	47.5	51.5	42.0	!
69	. 41.8	44.6	35.2	54.6	41.5	56.4	41.7	i 48.6	53.0	42.6	!
70	. 42.6	45.6	36.6	55.0	42.2	57 7	43.2	49.9	53.7	42.6	1
71	42.6	45.4	36.4	55.0	42.3	57.9	43.6	50.2	53.7	42.5	į '
972	43.2	48.1	39.3	57.4	42.7	59.4	45.8	50.7	53.4	420	i '
73		50.1	41.7	58.9	43.5	61.6	48.5	52.2	53.4	40.8	
74	45.2	51.7	43.3	60.4	44.4	63.8	51.1	53.7	54.3	40.4	!
75		51.5	42.7	60.4	45.3	65.4	53.5	54.9	54.3	40.7	
76		52.8	43.8	61.8	46.2	66.2	55.8	57.1	54.7	40.8	
77		54.5	45.8	63.3	47.3	67.7	58.3	58.9	55.4	40.8	
78		56.7	48.9	64.6	48.7	69.3	61.0	60.7	56.7	41.2 41.6	
79	50.6	57.4	49.1	65.8	49.8	70.5	62.9	63.0	58.1	1	
80		56.2	47.2	65.1	50.6	70.6	64.8	65.0	59.6	40.9	
81		55.4	! 46.1	64.2	51.5	71.5	66.4	66.4	60.9	40.9	
32	52.4	55.0	44.6	64.6	52.2	ı 71.8	67.8	67.5	61.4	41.5	
BLACK	1					1					l ,
72		39.0	27.6	51.9	63.3	68.7	75.0	74.5	69.9	56.8	
73		39.8	28.0	52.5	63.5	69.8	75.8	74.6	70.2	55.8 54.6	
	59.8	39.8	28.3	52.7	63.0	69.8	76.0	74.6	68.9	34.0	1
75	58.8	38.2	27.2	50.1	62.1	66.3	75.7	74.1	68.7	74.1	1 1
76		37.0	26.1	48.5	62.6	67.0	77.5	74.9	68.4	53 3	1
)77 <b>.</b>		37.9	25.9	50.8	83.3	68.4	78.5	76.0	68.8	53.4	1
78	61.5	41.0	29.2	53.5	64.6	70.0	79.7	77.5	70.1	54.5	
79	61.4	40.1	29.1	51.6	64.6	70.1	79.4	78.0	70.7	53.2	
80 08	81 0	38.9	27.9	50.5	64.2	69.1	79.6	77.4	71.0	52.3	i
81	60.8	37.7	26.5	49.2	64.2	69.2	78.5	78.4	71.2	52.8	
82	61.0	36.6	23.9	49.0	64.3	68.6	78.7	79.8	71.1	52.3	
Men	i							04.0	05.6	72.5	
72		46.3	34.3	60.0	78.5	82.6	92.6	91.0 91.0	85.6 87.5	69.5	
173		45.7		61.1	78.4	83.7	91.8		84.1	68.9	!
74	;	46.7	34.1	61.7	77.6	83.5	92.7	90.3		1	1
75		42.6	29.7	57.4	76.0	78.8	91.5	89.3	83.5	67 6	
76	70.2	41.3	29.0	55.0	75.4	79.1	90.9	89.9	82.4	65.1	į
77		43.2	30.4	579	75.6	79.3	90.7	90.9	82.0	65.5	1
78		44.9	32.1	59.6	76.2	78.8	90.8	90.6	83.3 84.6	67.9 64.8	
79	. 71.6	43.6	30.8	57.9	76 3	80.6	90.7	90.4		į	ì
80		43.2	31.0	56.7	75.1	79.8	90.8	89.1	83.1 82.7	61.7 62.1	
81	70.0	41.6	29.2	55.0	74.5	79.2	88.9	89.3	82.2	61.9	-
82	70.1	39.7	24.6	55.3	74.7	78.7	89.2	89.8	02.2	01.0	
Women	10.7	90.0	01.1	44.5	E4 2	57.1	60.9	61.4	57.1	43.9	
		32.2 34.2	21 1	44.5 45.1	51.2 51.6	58.1	62.9	61.7	56.1	44.8	
73	,			44.8		58.8	62.6	62.1	56.3	43.0	i
74	•	33.4	::2.6		51.4	İ	i	1	ļ	1	i
75		34.2	24.8	43.8	51.1	56.0	63 0	62.0		43.1	
976	49.9	32.9	23.2	42.6	52.5	57.1	66.9	63.0		43.8	
		32.9	21.5	44.4	53.6	59.5	68.6	64.1		43.8	
)78		37.3	•	48.1	55 5	62.8	70.6	67.2	1	43.9	
079	. 53 1	36.8	27 5	48.0	55.4	61.6	70.2	68.0	İ	44 1	1
180	. 53.2	34.9	24.5	450	55.6	60.4	70.6	68.2	, _		•
81	. 53.5		23.9	44.0	<b>58</b> .0	61.1	700			45.4	1
182	53 7	33.5	23.3	43.3	56.2	60.1	70.2	1 71.7	62.4	44 8	1

<sup>1</sup> Percent of the civilian noninstitutional population in the civilian labor force.



Table 5. Civilian labor force participation rates 1 by marital status, sex, and age, 1959-82

Marital status, sex, and year	16 years and over 2	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
MEN								7.1
Married, spouse present		ł				i		
1959	89.6	(2)	97.2	96.4	98.7	98.7	93.9	38.
1960	89.2	(2)	96.7	97.1	98.8	98.6 !	93.7	36.0
1961	89.0	(3)	96.7	97.1	98.9	98.6	93.8	35.3
1962	88.2	(4)	94.1	96.2	98.7	98.7	93.3	33.6
963	87.8	(e)	92.5	96.3	98.7	98.5	93.4	31.6
1964	87.5	(3)	96.2	96.8	98.6	98.3	93.0	31.4
1965	87.4	(*)	92.9	96.4	98.5	98.4	92.6	: 31.0
1966	87.1	(2)	94.1	96.7	98.6	98.4	92.4	30.
1967	87.0	(4)	<b>96</b> .2	95.9	98.5	98.3	92.2	
1968	86.8	(3)	95.5	95.2	98.4	98.2	92.0	
1969	88.8	(4)	93.7	95.2	98.3	98.1	91.5	
1970	86.1	(4)	94.7	94.7	98.0	98.1	91.2	; ' 29.9
1971	85.5	(9)	93.7	94.6	97.7	97.8	90.7	27.6
1972	85.0	(*)	96.1	95.0	97.6	97.7	89.8	26.4
1973	84.4	(°)	94.9	95.4	97.6	97.6	88.6	24.6
1974	83.9	82.1	96.2	96.2	97.8	97.5	87.7	
975	83.0	(2)	95.6	95.3	97.4	97 1	86.8	23.3
l976	82.4	(*)	95.8	95.6	97.4	96.9	86.1	21.9
977	82.1	(*)	96.7	96 5	97.5	97.2	85.5	21.6
978	81.8	(3)	96.8	96.5	97.8	97.1	85.1	22,4
979	81.8	(*)	96.3	97.0	97.6	97.2	84.8	21.8
980	8 i.0	(2)	94.5	<b>96</b> .9	97.5	97.2	84.3	20.5
981	80.5	(1)	95.0	96.5	97.4 !	97.0	83.5	19.9
982	80.0	(2)	94.4	96.3	97.3	96.8	83.2	19.0
Single					i	i		
959	60.6	34.3	<b>68</b> .3	79.9	91.0	88.9	82.3	30.0
960	60.2	33.9	87.1	80.3	91.5	88.8	80.1	31.2
961	57.9	31.7	64.0	79.9	90.1	88.3	79.4	28.5
962	58.3	30.5	64.2	78.6	89.6	87.4	79.9	28.4
963	55.8	30.6	66.1	77.4	89.2	87.9	78.9	25.1
964	55.6	31.7	64.5	76.6	90.7	87.3	79.2	24.8
965	55.5	32.3	63.8	75.7	90.0	97.5	70.4	00.0
966	64.6				90.0 i	87.5	78.1	23.2
967		46.1	82.8	73.5	896	87.5	75 7 75 7	20.4
968	85.2	46.8	83.3	73.6	90.1	87.3	77.0	22.1
969	64.5	46.2	63.2	71.9	89.0	86.8	77.8	24.2
509	64.9	47.2	63.6	72.4	87.8	88.5	75.9	24.8
970	85.5	46.8	64.4	73.8	87.9	88.2	75.7	25.2
971	65.4	46.7	64.4	73.7	87.4	84.0	74.7	
972	66.9	47.7	67.5	75.8	86.4	84.1	71.6	23.5
973	68.2	49.7	68.8	77.8	86.9	83.0	70.9	
974	89.2	50.2	70.2	78.7	86.9	82.9	70.8	
975	68.8	48.4	68.9	77.9	86.7	83.2	69.9	21.0
976	69.5	ل.48	89.3	79.1	87.8	82.2	68.8	20.7
977	70.9	:0.1	71.1	79.7	88.2	82.2	67.8	19.8
978	72.2	51.8	71.7	81.0	88.8	84.0	67.9	16.8
979	72.6	51.4	70.9	81.8	89.2	82.5	67.3	18.2
980	72.8	50.0	70.4	81.3	89.2	82.2	66.9	16.8
981	72.3	47.7	69.3	80.9	88.7	83.7	64 6	15.4
982 ,	72.1	45.3	66.8	80.4	89.1	84.7	64 1	17.6
Other *	60.0	793						
	62.8	(*)	(3)	95 7	94.9	94.5	90 3	23.3
	83.1	(2)	(*)	96.9	95.2	94.4	83 2	22.7
961	62 4	(*)	(2)	95 0	96 6	93.6	83 0	21.2
962	59.9	(*)	(*)	92.0	94 4	92 9	82.1	20.2
963	60.0	(3)	(3)	92.2	94 4	93 2	82 1	19.4
964	60.3	(5)	(ª) ·	92 0	94.5	93.3	82.0	



Table 5. Civilian labor force participation rates 1 by marital status, sex, and age, 1959-82—Continued

Marital status, sex, and year	16 years and over <sup>s</sup>	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over
Other—Continued								
965	60.4	(*)	(3)	96.6	95.1	93.0	80.8	18.7
966.	59.7	(*)	(3)	93.2	94.6	91.6	80.7	17.7
987	58.9	(3)	(6)	91.4	94.7	92.9	79.8	18.3
968	59.4	( <del>'</del> )	(4)	90.8	94.4	92.1	79.0	17.7
969	59.8	(4)	(*)	92.5	94.7	90.3	79.3	18.0
	50.5	`'	` '	J2.0	<b>5</b> 4		70.0	]
970	60.6	(2)	(°)	90.4	93.7	91.1	78.5	18.3
971	61.3	(2)	(2)	88.4	93.3	91.4	77.4	16.9
972	61.5	(*)	(1)	89.0	92.8	90.5	75.5	16.9
973	61.6	(2)	(2)	89.9	93.0	91.0	74.4	15.8
974	63.0	(1)	(3)	93.6	94.6	90.5	74.4	16.1
775	00.0	<b>793</b>		00.0	20.4	20.4	70.4	
975 976		(2)	(2)	88.8	92.4	89.4	73.4	15.4
977	63.3 64.6	(3)	(3)	92.3	92.3	89.8	71.5	13.6
978	66.0	(2)	(2)	93.0	93.7	91.4	71.5	13.1
379	80.0	(*)	(3)	90.6	93.2 93.4	91.6 93.0	72.8 73.7	13.6
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	80.0	(3)	(*)	90.9	83.4	93.0	73.7	13.4
960	67.4	(²)	(2)	92.6	94.1	91.9	73.3	13.7
981	67.7	(6)	(2)	91.9	93.5	91.7	73.0	13.0
982	68.0	(4)	(*)	93.3	92.7	92.4	73.0 72.7	12.8
	33.3	` '	( /	55.5	JL.7	52.4	,	12.0
WOMEN		1						
Married, spouse present								į
059	31.2	16.8	30.1	31.4	28.2	36.9	35.0	6.3
960	31.9	16.8	30.9	31.7	28.8	37.2	36.0	6.7
81	32.5	18.4	31.1	33.0	29.1	37.8	36.9	6.8
962	32.8	18.6	33.6	33.6	29.3	38.5	37.4	6.3
963	33.4	19.8	33.8	33.3	30.1	39.0	38.2	6.3
964	34.1	18.4	32.9	35.9	30.3	39.7	39.2	6.4
965	34.9	18.6	34.1	37.1	31.5	40.5	39.5	6.7
966	35.9	20.6	37.3	38.9	33.1	41.4	40.3	6.8
967	37.3	21.8	38.6	41.5	35.5	42.7	41.3	6.9
968	38.2	23.4	40.8	42.8	36.3	44.1	42.0	6.9
969	39.5	22.0	41.7	46.4	37.3	45.5	43.2	7.1
					į	1		
970	40.5	27.0	40.3	47.9	38.8	46.8	44.0	7.3
971	40.6	23.5	41.7	48.4	39.2	47.3	43.7	7.2
972	41.2	30.5	44.2	50.1	41.1	47.8	43.4	7.4
973	42.3	31.3	46.6	52.7	44.0	49.3	42.9	7.2
974	43.3	29.0	48.2	55.3	46.0	50.8	43.3	6.8
975	44.3	32.7	49.5	57.0	48.4	52.0	43.8	7.0
976	45.3	31.1	50.3	57.3	5C 5	53.9	44.3	7.0
977	46.4	30.1	50.7	58.6	52.8	55.7	44.6	7.1
78	47.9	36.5	50.9	60.4	55.5	57.8	45.4	7.1
979	49.1	39.3	54.7	60.8	57.1	60.0	46.2	7.5
980	49.9	35.9	52.1	61.4	58.8	61.8	46.9	7.3
981	50.5	33.3	50.2	62.1	60.2	62.8	, 47.4	7.1
982	51.1	38.3	53.5	62.2	61.5	64.1	47.8	7.1
Single		1	1					
959	47.4	:1.0	57.1	75.5	82.9	82.3	77.8	22.3
980	48.0	20.9	58.6	77.2	83.4	82.9	79 8	24.3
961	46.5	20.2	58.4	75.9	84.1	81.7	76 7	23.0
962	44.8	19.3	57.4	74.1	82.3	80.8	76.6	18.5
983	44.2	19.0	56.6	73.7	81.9	80.6	76.8	19.3
<del>)64</del>	44.2	19.8	54.9	74.0	84.2	79.6	76.7	21.7
965	44.4	19.9	54.4	72.9	80.0	81.8	<b>76</b> .1	22.4
)66	55.6	31.1	54.4 56.3	72.9	82.9 82.2	80.7	76.5	18.8
)67	55.3	31.1 <u>:</u> 31.5 :	56.0	73.6 ( 72.1 )	82.2	80.0	76.5 74.2	19.4
968		32.1	55.5	72.1 73.1	81.8	79.2	74.2 74.6	19.1
969		34.2	56.4	72.5	82.4	80.5	75.2	20.2
		1						
970		35.3	57.3	73.0	81.4	78.6	73.0	19.7
971	<b>56.3</b> i	34.9	56.3	72.3	81.3	78.1	72.6	17.8
72	57.5	37.0	58.6	72.6	82.5	74.8	70.6	17.2
973	58.6	39 6	60.0	72.9	80.8	76.2	69.1	16.5
974	59.5 '	40.9	61.3	73.1 <sup>1</sup>	81.3	77.2	69.2	13.3



Table 5. Civilian labor force participation rates: by marital status, sex, and age, 1959-82—Continued

Marital status, sex, and year	16 years and over <sup>2</sup>	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years an over
Single-Continued				 		÷		; ;
975	59.7	40.8	60.6	72.5	80.8	78.6	68.3	15.
976	61.0	41.2	61.3	73.8	82.5	77.6 .	696	15.
977	62.1	42.7	62.8	74.6	82.3	76.4	67.6	, 14.
978	63.8	45.9	64.4	75.3	81.9	76.2	65.8	14.
979	64.6	46.0	64.4	76.1	830	76.9 ,	65.8	; 13
980	64.4	44.1	64.0	75.2	83.3	76.9	65.6	13
981	64.5	52.3	62.7	75.4	83.1	80.1 ;	64.3	j 11
982	65.1	41.1	62.5	75.7	83.8	79.9	64.8	13
Other <sup>4</sup>						- i	00.0	1
959	41.6	(1)	51.6	55.2	62.7	71.5	60.0	10
960	41.6	(2)	47.9	58.0	63.1	70.0	60.0	11
961	41.7	(ª) į	46.6	57.5	62.1	69.4	60.7	11
962		(*)	45.0	57.1	60.3	67.3	60.8	11
963		(*)	47.3	55.3	62.3	69.3	61,2	10
964	40.6	(*)	43.1	56.6	61.5	67.8	61.7	10
965		(*)	44.1	59.2	64.1	69.3	61.8	10
966		(*)	54.4	61.1	63.2	70.4	62.5	10
967		(*)	50.0	62.5	64.3	71.7	61.8	10
968		(*)	50.9	59.3	63.6	69.7	61.8	10
969	40.7	(2)	51.6	62.1	64.8	68.8	62.6	10
970	40.3	(2)	52.1	60.3	64.6	68.8	61.9	10
971	40.3	(°)	47.1	59.2	62.8	69.3	62.2	9
972		(3)	49.5	59.7	64.1	69.3	60.6	9
973	39.7	27.8	50.0	63.0	65.9	69.5	60.3	9
974	40.2	(*)	48.1	65.6	69.1	68.9	59.9	6
975	40.1	(3)	51.1	65.3	68.6	69.2	59.0	
976	40.5	(*) ·	52.8	64.4	71.0	71.3	58.2	8
977		(°)	55.4	66.0	73.6	72.7	58.5	
978	42.9	(2)	60.9	69.9	75.3	74.3	59.6	8
979	43.2	(*)	60.0	60.0	76.4	75.6	60.2	6
980	43.7	(*)	51.3	68.4	76.5	77.1	60.2	1
981	l I	(*)	54.8	69.9	76.8	78.6	60.1	9
982	1	(a)	55.6	67.7	76.9	78.8	60.5	7

See footnote 1, table 4.



<sup>&</sup>lt;sup>3</sup> Data for 1966 forward refer to persons 16 years and over 14 years and over for prior years.

For years prior to 1967, data not shown where base is less than 50,000. for 1967 forward, data not shown where base is less than 35,000.

Refers to widowed, divorced, and married, spouse absent.

Table 6. Full- and part-time status of the civilian labor force by sex and age, 1963-82 [Numbers in thousands]

Year, sex, and age	Civilian labor force	Employed	Unem- ployed, looking for full-time work	Unemploy- ment rate	Civilian labor force	Employed (voluntary part time)	Unem- ployed, looking for part-time work	Unemploy- ment rate	
TOTAL									
963	64,012	60,507	3,505	5.5	7,822	7,254	568	7.	
964		61,645	3,178	4.9	8,257	7,661	596	7.	
965	65,929	63,138	2,791	4.2	8,527	7,952	575	6.	
966		64,370	2,315	3.5	9.067	8,507	560 ¦	6. 6.	
967		65,173	2,293	3.4	9,882	8,199	683	6.	
968		66,195	2,136	3.4	10,405	9,726	679	6.	
969		67,558	2,130	3.1	11,032	10,343	689	6.	
		·		_				_	
970971971		67,862 68,346	3,206 3,968	4.5 5.5	11,703 12,067	10,814 11,020	889 1,047	7. 8.	
972 1	74,475	70,671	3,806	5.1	12,574	11,497	1,077	8.	
973 ¹	79,473						1,023		
9/3 ·	76,492	73,148	3,344	4.4	12,940	11,917		7.	
974	78.630	74,620	4,010	5.1	13,320	12,173	1,147	8.	
975		73,595	6,523	8.1	13,659	12,251	1,408	10	
976	1	7 <b>6</b> ,072	5,974	7.3	14,111	12,680	1,432	10.	
977		7 <b>6</b> ,812	5,548	6.6	14,647	13,204	1,443	9.	
978 <sup>1</sup>	. 87,137	82,2 <del>98</del>	4,838	5.6	15,114	13,750	1,364	9.	
979	. 69,543	84,756	4,787	5.3	15,418	14,068	1.351	8.	
980	91,295	85,027	6,269	6.9	15,644	14,275	1,369	8	
981		86,126	6,795	7.3	15,749	14,271	1,477	9	
982		85,287	9,006	9.6	15,912	14,239	1,672	10.	
Men, 20 years and over									
963		40,748	1,860	4.4	1,616	1,503	112	6.	
964	. 42,925	41,316	1,609	3.7	1,679	1,570	109	6.	
965		41,892	1,351	3.1	1,616	1,530	86	5.	
966	. 43,145	42,106	1,039	2.4	1,641	1,561	79	4.	
967	. 43,514	42,543	971	2.2	1,640	1,752	89	4.	
968		42,997	. 896	2.0	1,959	1,863	96	4.	
969	. 44,248	43,386	862	1.9	2,103	2,002	101	4.	
970	44,962	43,460	1,502	3.3	2,259	2,122	137	6	
971		43,733	1,932	4.2	2,344	2,179	165	7	
972 ¹		44,860	1,777	3.8	2,441	2,270	171	7.	
973 1	47,474	46,000	1,474	3.1	2,460	2,310	150	6.	
974		46,584	1,786	3.7	2,509	2,337	172	6	
975	10.005	45.040	0.055		0.004	0.070	223	8	
976		45,640 46,634	3,255	6.7 5.0	2,601	2,378	228	8	
977		46,604	2,870	5.6	2,614	2,386	223	8	
978		48,016	2,571	5.1	2,761 2,779	2,538	192	6.	
979	. 51,693 53,839	49,557 50,708	2,136 2,12 <del>9</del>	4.1 4.0	2,778	2,586 2,599	179	6.	
		·			1	·	,		
980 981		50,405	3,167 3,394	5.9	2,883 2,885	2.697	186   220	6. 7.	
982		50,918 50,124	4,829	6.2 8.8	3,028	2,665 2,767	260	7. 8.	
Warran 60 was a safe		·			,				
Women, 20 years and over 963	. 18,141	17,110	1,031	5.7	4,336	4,145	186	4.	
964		17,643	994	5.3	4,481	4,261	200	4	
085	40.45-	40.000			4 ====		456	_	
965	1	18,260	878	4.6	4,550	4,371	179	3.	
966	1	18,908	740	3.8	4.778	4,599	179	3.	
967	. 20,293	19,453	840	4.1	5,181	4,944	238	4.	
968	20,778	20,014	765	3.7	5,488	5,268	<b>22</b> 0 .	4.	



Table 6. Full- and part-time status of the civilian labor force by sex and age, 1963-82—Continued [Numbers in thousands]

Year, sex, and age		Full	time		Part time						
	Civilian labor force	Employed	Unem- ployed, looking for full-time work	Unemploy- ment rate	Civillan labor force	Employed (voluntary part time)	Unem- ployed, looking for part-time work	Unemploy- ment rate			
Women, 20 years and over— Continued							·				
1970	22,226	21,149	1,077	4.8	6.074	5.603	271	4.			
1971	22,690	21,370	1,320	5.8	6,214	5,876	336	5.			
1972 1	23,479	22,168	1,294	5.5	6.442	6,110	332	5.			
1973 ¹	24,285	23,101	1,184	4.9	6,707	6.383	324	4.			
1974	25,276	•									
10/7	25,276	23,673	1,405	5.6	6,923	6,551	372	5.			
1975	26,359	24,148	2,210	8.4	7.052	6,576	474	6.			
1976	27,446	25,342	2,104	7.7	7,368	6,884	485	6.			
1977	26.659	26,614	2.045	7.1	7,651	7,162	491	6.			
1978 ¹	30,181	26,350	1.830	6.1	7.946	7.485	482	5.			
1979	31,484	29,688	1,796	5.7	6,225	7,746	479	5.			
				·		·					
1980	32,722	30,588	2,135	6.5	8,383	7,9C4	460	5.			
1981	33, <b>8</b> 75	31,481	2,394	71	6,610	6,108	502	5.			
1982	34,921	31,697	3,024	6.7	6,777	6,189	588	6.			
Both sexes, 16 to 19 years			ŀ								
1963	3,262	2,646	614	18.6	1,876	1,606	270	14.			
1964	3,260	2,686	574	17.6	2,117	1,830	267	13.			
1965	3,549	2.986	563	15.9	2,361	2.050	311	13.			
		-•••			2,648	2,050	301	11.			
1966	3,691	3,356	535	13.7							
1967	3,659	3,177	482	13.2	2,661	2,505	356	12.			
1968	3,661	3,184	476	13.0	2,958	2,595	362	12.			
1969	3,776	3,300	479	12.7	3,191	2,817	374	11.			
1970	3.881	3,254	626	16.1	3.370	2.889	480	14.			
1971	3.959	3,243	716	18.1	3,509	2.965	544	15.			
1972 1	4.363	3,626	735	16.8	3,691	3,117	574	15.			
1973 1	4,733	4,047	686	14.5	3,774	3,225	549	14.			
1974	4,982	4,163	619	16.4	3,888	3,285	603	15.			
	,,,,,,	.,	0.0		.,						
1975	4,864	3,807	1,057	21.7	4,005	3,295	709	17.			
1976	4,925	3,926	999	20.3	4,130	3,410	720	17.			
1977	5,115	4,183	933	18.2	4,236	3,506	730	17.			
1978 ¹	5,264	4,392	873	16.6	4,388	3,678	709	16.			
1979	5,222	4,359	862	16.5	4,416	3,724	692	15.			
1000					4.0==	0.050	704				
1980	5,001	4,035	966	19.3	4,377	3,676	701	16.			
1981	4,734	3,727	1,007	21.3	4,254	3,498	755	17.			
1982	4,419	3,266	1,153	26.1	4,107	3,263	824	20.			

<sup>&</sup>lt;sup>1</sup> See footnote 1, table 1.

NOTE: Persons on part-time schedules for economic reasons are included

in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.



Table 7. Employment status of the black and Hispanic-orgin civilian noninstitutional population by sex and age, 1975-82

[Numbers in thousands]

Employment status, sex, and age	Black								Hispanic origin							
	1975	1976	1977	1978	1979	1980	1981	1982	1975	1976	1977	1978	1979	1980	1981	198
TOTAL			1			!	ĺ	į			•		į	į	:	1
Civilian noninstitutional pop-	<b>!</b>	1	i	İ	}		!		!	:		;	-	1	:	i
	15,751	18 196	18,605	16,970	17307	17,824	18 210	18,584	18 862	6 910	7,362	7,912	8 207	8 901	9.310	9 40
Civilian labor force	9.263	9.585	9.932	10,432	10,878		11.086	11,331		1 -	4,536	4,979	4		5,972	
Percent of population		59.1	59.8	61.5	61.4	81.0	60.8	61.0	60.8	60.9	81.8	62.9	83.6		64.1	
Employed	7,894	8,231	8,540	9,102	9,359	9,313	9,355	ſ	3,663	3,720	4,079	4,527	1		5,348	1
Agriculture	243	230	217	249	247	208	184	188	200	197	222	229	230	246	251	25
Nonagricultural indus-			1		j					1					1	
tries	7,650	7,997	8,323	8,852	9,112	9,106	9,171	9.001	3,463	3,523	3,857	4,298	4,555	4.881	5.097	4.90
Unemployed	1,389	1,334	1,393	1,330	1,319	1,553	1,731	2,142	508	485	458	452	434	575	624	•
Unemployment rate	14.8	14.0	14.0	12.8	12.3	14.3	15.6	18.9	12.2	11.5	10.1	9.1	8.3	10.1		13.0
Not in labor force	8 488	8,631	6,873	8,538	6,719	6,959	7,134	7,254	2,691	2,705	2,826	2,933	2,988	3,200	3,338	3,41
Men, 20 years and over	!					:	; ;	,		-•			,	   		
Civilian noninstitutional pop-	1	į		1	1	i	i	•	1	i			1		į	:
ulation	8.009	6,187	6,329	8,484	6,861	8,834	7,007	7 106	2,741	2 764	2,982	3,228	3,382	2 671	3.914	2 00
Civilian labor force	4,589	4.648	4,787	4,943	5,079	5,134	5,223		2.343		2,530	2,742	2,869	3,127	3,321	1 1
Percent of population		75.4	75.6	78.2	78.2	75.1	74.5	74.7	85 5	84.2	84.8	84.9	85.3	85.2	84.8	1
Employed		4,120	4,273	4,483	4,606	4,498	4,520	4,414	2,117	2,109	2,335	2,588	2,701	2,868	3,028	1 -
Agriculture	180	175	181	200	191	162	148	150	155	141	158	174	178	184	189	19
Nonagricultural indus-	,							i		'''		1			1.00	
tries	3,818	3,944	4,113	4,282	4,416	4,338	4,372	4,264	1,963	1,989	2,178	2,394	2,524	2,684	2.840	2.70
Unemployed		528	512	462	473	638	703	954	275	217	195	175	188	258	293	395
Unemployment rate		11.4	10.7	9.3	9.3	12.4	13.5	17.8	9.6	9.4	7.7	6.4	5.8	8.3		12.0
Not in labor force	1,440	1,519	1,542	1,541	1,582	1,701	1,785	1,819	397	437	453	486	493	544	593	597
Women, 20 years and over		1	-										<u> </u> 		! !	
Civilian noninstitutional pop-			•			ļ,	ļ		į	Ì	ļ	1	1	İ	!	ĺ
ulation	7,550	7,765	8,003	8,217	8,480	8,700	8.924	9 146	3,181	3,263	3,377	3,608	3,751	4,038	4,220	4.325
Civilian labor force		4.076	4,286	4,558	4.687	4.841	5.001	5,140	1,384	1,454	1,523	1,704	1,800	1,973	2,106	2,157
Percent of population		5.25	53.8	55.5	55.4	55.6	56.0	56.2	43.8	44.6	45.1	47.2	48.0	48.9	49.9	49.9
Employed	3,388	3,599	3,758	4,047	4,174	4,267	4,329	4,347	1,224	1,288	1,384	1,537	1,838	1,792	1,906	1.888
Agriculture Nonagricultural indus-	31	30	34	29	35	26	19	21	20	30	35	33	30	32	35	33
tries		3,569	3,724	4,019	4,138	4,241	4,310	4,326	1,206	1,240	1,329	1,505	1,610	1,760	1,871	1.853
Unemployed		477	528	510	513	574	671	793	160	166	153	168	160	181	200	27
Unemployment rate		11.7	12.3	11.2	10.9	11.6	13.4	15.4	11.5	11.4	10.1	9.8	8.9	9.2	9.5	12.6
Not in labor force		3,689	3,717	3,659	3,773	3,859	3,923	4,008	1,777	1,762	1,842	1,904	1,952	2,085	2,114	2,188
Both sexes, 16 to 19 years		! 	  - 	<u> </u>	<b>.</b>	!	i    -  -							  -  -		!
Civilian noniristitutional pop-		1	İ	! !	: ! !	:	,	<u>!</u> !		! 	į	İ	i l		:	!
ulation	2,191	2,284	2,273	2,270	2,276	2,289	2,286	2,252	2	953	1,024	1,076	1,095	1,192	1,176	1,182
Civilian labor force	838	841	861	930	912	891	882	824	444	447	493	533	551	601	545	530
Percent of population		37 1		41.0	40.1	38.9	37.7	36.8	46.2	48.9	48.2	49.8	50.3	50.4	48.3	44.8
Employed	507	508	508	571	579	547	505	428	322	341	381	423	445	465	414	371
Agriculture Nonagricultural indus-	33	25	22	21	20	19	17	18	27	27	31	24	24	30	28	25
tries	475	483	486	551	558	528	489	412	296	314	350	399	422	438	386	346
Unemployed	330	330	354	360	333	343	357	396	123	106	113	110	106	135	131	159
Unemployment rate		39.2	41 1	38.7	36.5	38.5	41.4	48.0		23 8	22.9	20.7	192	22.5	24 0	29.9
Not in labor force	1,353	1,423	1,412	1,340	1,384	1,400	1,428	1,429	518	506	532	543	545	591	631	852



Table 8. Employment status of civilians of Mexican, Puerto Rican, and Cuban origin by sex and age, 1980-82

	Total I	Hispanic o	rigin <sup>1</sup>	Me	xican orig	jin	Puerl	o Rican d	rigin	C	uban origi	n
Employment status, sex, and age	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
TOTAL								•				
Civillan noninstitutional population	8,901	9,310	9,400	5,327	5.642	5.679	1,142	1,165	1,215	669	750	748
Civilian labor force	5.700	5.972	5.983	3.537	3,757	3,745	589	583	622	441	483	474
Percent of population	64.0	64.1	63.6	68.4	66.6	65.9	51.6	50.0	51.2	66.0	64.4	63.3
Employed	5,126	5,348	5,158	3,174	3,364	3,222	509	504	513	405	439	42
Agriculture	246	251	253	223	230	232	5	5	5	2	2	;
Nonagricutural industries	4,881	5,097	4,905	2,951	3,134	2,990	503	499	508	403	437	41
Unemployed	575	824	825	364	393	522	80	79	110	37	44	5
Unemployment rate	10.1	10.4	13.8	10.3	10.5	13.9	13.6	13.6	17.6	8.4	9.0	11.
Not in labor force	3,200	3,338	3,417	1,791	1,886	1,934	552	582	593	228	267	27
Men, 20 years and over			•									
Civilian noninstitutional population	3,671	3,914	3,894	2,290	2.457	2,422	410	431	451	281	328	319
Civilian labor force	3.127	3,321	3,297	1,995	2,141	2,103	330	333	352	235	264	25
Percent of population	85.2	84.6	84.7	87.1	87.1	88.8	80.5	77.3	78.0	83.4	80.5	78.
Employed	2,868	3,028	2,901	1,832	1,957	1,847	296	293	299	217	243	22
Agriculture	184	189	195	187	173	178	4	3	4	2	2	
Nonagricultural industries	2,684	2,840	2,706	1,665	1,784	1,669	292	290	295	215	241	22
Unemployed		293	395	164	184	256	35	40	54	19	22	2
Unemployment rate	8.3	8.8	12.0	8.2	8.6	12.2	10.6	12.0	15.3	8.1	8.2	9.
Not in labor force	544	593	597	296	316	319	79	98	98	47	63	69
Women, 20 years and over												
Civilian noninstitutional population	4,038	4,220	4,325	2,291	2,441	2,498	557	563	590	315	345	364
Civilian labor force	1,973	2,106	2,157	1,126	1,223	1,267	207	208	217	170	186	19
Percent of population	48.9	49.9	49.9	49.1	50.1	50.7	37.2	36.9	36.B	53.8	53.9	52.
Employed	1,792	1,906	1,886	1,017	1,102	1,109	181	186	183	160	172	17
Agriculture	32	35	33	27	30	31	1	1	1		_	-
Nonagricultural industries	1,760	1,871	1,853	991	1,073	1,078	179	185	182	160	172	17
Unemployed	181	200	271	108	120	158	26	21	34	11	15	2
Unemployment rate	9.2	9.5	12.8	9.6	9.8	12.5	12.6	10.2	15.8	6.5	8.0	10.
Not in labor force	2,065	2,114	2,168	1,166	1,218	1,231	351	3 <b>56</b>	373	145	158	17
Both sexes, 16 to 19 years												
Civilian noninstitutional population	1,192	1,176	1,182	745	744	759	175	171	175	72	77	6
Civilian labor force		545	530	417	393	374	54	.13	53	36	32	3
Percent of population	50.4	46.3	44.8	55.9	52.8	49.3	30.8	25 1	30.3	50.0	41.6	48.
Employed		414	371	325	304	266	34	25	32	30	25	2
Agriculture	30	28	25	29	27	23	_	_	_		_	-
Nonagricultural industries	436	386	346	297	277	243	34	25	32	30	25	2
Unemployed	135	131	159	92	89	108	20	18	22	5	7	
Unemployment rate	22.5	24.0	29.9	22.1	22.8	28.8	37.1	42.5	40.7	13.9	(*)	(*
Not in labor force	591	631	652	330	351	385	122	128	121	35	45	3

<sup>&</sup>lt;sup>1</sup> Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.



<sup>\*</sup> Data not shown where base is less than 35,000.

Table 9. Employment status of the civilian noninstitutional population in metropolitan and nonmetropolitan areas by sex, age, and race, 1980-82

				Metrop	olitan ai	044	T					1	ionme	tropolite	un area	8		
Employment status, sex. race		Total		G	entral cit	103	<u> </u>	Suburbs	3	ĺ	Total			Farm			Nonfarn	n
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	198
TOTAL		•		!														1
Civilian noninstitutional population	114,088	115,705	117,544	47,417	47 55	48,178	66,672	68,146	69.366	53,658	54.425	54,727	4.575	4.389	4,192	49.083	50,036	50.53
Civilian labor force	73,911			20.709			44,141					33,740			2,725		30,803	
Percent of population	64 8	64 9	65 1	628	62.6	62.6	66.2	66.4	66.6	61.6	81.6	61.7	63.7	64.2	65.0	61.4	616	1 .
Employed	88,688	69,433	69,192	27,271		26,923		42,304	42,269	1	30,963	30,335	2,620			27,794	28,244	27,73
Unemployed	. 5.223	5.615			2,649	3,352	2,724	2,966	3.921		2.657	3,405	94	98	122	2,321	2.559	
Unemployment rate .	7 1	7.5	9.5	84	89	111	6.2	6.6	6.5	7.3	7.9	10.1	3.2	3.5	4.5	7.7	8.3	10
Not in labor force	40 177	40,657	41,079	17,648	17,779	17 902	22,530	22,676	23,177	20,631	20,805	20,968	1,662	1,571	1,467	16,968	19,234	19,52
Men, 20 years and over																		
Civilian noninstitutional population	. 48,270	49,206	50,175	19,698	19,908	20,227	28,572	29.300	29,946	22,866	23.212	23,469	2.085	2.006	1.923	20,782	21,206	21.54
Civilian labor force	38,811	39.365		15,279						17,644			1,704		1 -	15,940	16,194	1
Percent of population	80 4	600	79.8	77.6	770	77.2	82.4	82.0	61.5	77.2	76.6	78.5	81.7	81.7	82.6	76.7	78.4	76
Employed .	36,519	36,898	36,551	14,158	14,150	13,982	22,361	22,746	22,569	16,582	16,684	16,340	1,670	1,603	1,532	14,972	15,081	14.80
Unemployed	2,292	2,46?	3,473	1,122	1,185	1,638	1,170	1,282	1,835	1,059	1,147	1,615	33	35	57	1,026	1,112	1,55
Unemployment rate	5 9	6.3	87	7.3	7.7	10.5	5.0	5.3	7.5	6.0	6,4	9.0	1.9	2.1	3.6	6.4	6.9	9.
Not in labor force	9,458	9,841	10,151	4,415	4,570	4.807	5,043	5,271	5,544	5,225	5,381	5,514	381	368	335	4,845	5,013	5,17
Women, 20 years and over				•						! 								
Civilian noninstitutional population.	54,702	55,642	56,724	23,310	23,465	23,858	31,392	32,177	32,866	25,363	25,655	26,140	1,963	1,911	1,637	23,399	23.944	24.30
Civilian labor force	28,799	29,677	30,662	12,163	12,330	12,638	16,836	17,347	18,024	12,306	12,807	13,037	899	696	882	11,407	11,911	12,15
Percent of population	52.6		54.1		52.5	53 0	53.0	53.9	54.8	46.5	49.5	49.9	45.6	45.9	48.0	48.7	49.7	50
Employed .	27,023	27,723		11,309	11,388	11,499	15,715	16,335	18,701	11,468	11,667	11,886	866	658	846	10,603	11,009	11,04
Unemployed	1,778	1,955	2,461	855	942	1,136	922	1,013	1,323	636	939	1,151	33	38	38	803	901	1,11
Unemployment rate	. 62	66	80	7.0	j 7.6	9.0	5.5	5.8	7.3	6.8	7.3	6.6	3.7	4.2	41	7.0	7.6	9
Not in labor force	25.091	25,964	26,062	11,147	11,134	11,220	14,754	14,830	14,842	13,058	13,049	13,103	1,065	1,015	955	11,993	12,034	12,14
Both sexes, 16 to 19 years				<u>!</u>	i		ļ	 										
Civilian noninstitutional population	1,115	10,857	10,644	4,411		4,092	6,705	6,671	6,552	5,428	5,357	5,119	527	472	431	4,901	4,685	4.68
Civilian labor force	6.298	6,005	5,778	2,324	2,112	2,017	3,975	3,893	3,761	3,078	2,981	2,747	310	284	254	2,768	2,697	2.49
Percent of population	56.7	55.3	54 3	52.7	505	49.3	59.3	58 4	57.4	56.7	55.7	53.7	58.8	60.1	58.8	56.5	55.2	53.
Employed	5,148	4,813	4,440	1,802	1,590	1,441	3,346	3,233	2,999	2,561	2,412	2,109	282	259	225	2,279	2,153	1,88
Unemployed	1,151	1,192	1,338	520	520	576	631	672	762	518	570	638	28	25	28	490	545	61
Unemployment rate	18.3	199	23 2	22 4	24.6	28 6	159	17.3	20.3	16.6	19.1	23,2	9.0	6,8	11.2	17.7	20.2	24
Not in labor force .	4,817	4,85	4,666	2,087	2,074	2,076	2,730	2,777	2,790	2,350	2,376	2,371	217	168	178	2,133	2,188	2,19
White	;			i	: 	 	]		!								i	
Civilian noninstitutional population	97,292	98,475					61,479					49,817		4,128		44,538	45,305	
Civilian labor force	63.373	64,339	,			23,019		41.632			30,711		2,764	2,680		27,462	26,031	28.15
Percent of population	65 1	65 3	65 5	63.5	<b>63</b> .6	63.8	66 1	66.3	66 4	61.9	82.1	62.0	64.4	64.9	65.6	61.7	61.9	61
Employed	59.517	60,227		21,238	21,151		36.279	39,076	36,962	26,197	28,481	27,922	2,684	2,596	2,516	25,513	25.885	25,40
Unemployed	3.856	4,112	5,384		1,556		2,360	2,556	3,383	2,028	2,230	2,657	79	83	107	1,949	2,147	2.75
Unemployment rate Not in labor force	6 1 33,918	6 4 - 34,136	8.2	66	6.9	87	58	61	6.0	6.7	7.3	9.3	2.9	3.1	4.1	7.1	7.7	9. 17.46
	33,910	34,130	34,460	13,077	13.007	13,054	20,841	21,129	21,406	16,606	16,722	16,638	1,531	1,449	1,377	17,076	17,273	17.40
Black	40 5																	
Civilian noninstitutional population	13,749	14.036	14.305			10,360	3,694	3.817	3,945	4,075	4,183	4,280	204	194	142	3,871	3.969	4,13
Civilian labor force	8.514	8,654	8.879		6.061	6,146	2,489	2,593	2.731	2,352	2,432	2,452	105	100	72	2,247	2,332	2,38
Percent of population	61 9	61.7	62 1		593	59 3	67.4	67.9	69 2	57 7	58.1	57.3	51.5	51.6	50.7	58.0	58 5	57.
Employed	7.290	7,289	7,206			4,913	2,193	2,250	2,293	2,023	2,066	1,983	95	88	81	1,928	1,978	1.92
Unemployed	1.225	1,365	1,673	929		1,234	296	342	439	328	366	469	9	12	11	319	354	45
Unemployment rate Not in labor force	14 4	158	188	15.4	169	20 1	11 9	13.2	16 1	13.9	15.1	19.1	8.6	12.0	15.5	142	15.2	19
MOLIII INDOLLOLCE	5.234	5,382	5.426	4.029	4.158	4,211	1,205	1,224	1,215	1,726	1,752	1,626	100	94	70	1,626	1,658	1,75



## Table 10. Employment status of the civilian noninstitutional population in poverty and nonpoverty areas by race, 1980-82

[Numbers in thousands]

			Total U	vited Stat	<b>88</b>				Matropo	olitan are	45			No	nmetrop	olitan a	1085	
Employment status and race	Po	verty are	Mat	Non	poverty a	reas	Po	verty are	80.6	Non	poverty a	r <b>088</b>	Po	verty ar	<b>01.5</b>	Non	poverty	areas
	1980	1961	1982	1960	1981	1982	1950	1981	1982	1980	1981	1982	1980	1981	1982	1960	1981	1982
TOTAL																		
Civilian noninstitutional population	30,246	30.304	30,124	137,499	139,826	142,147	11,451	11,472	11,322	102,637				18,832		34,862		
Crylian labor force	16,973	17,100	16,996	89,965	91,568	93,209	6,201	6,251	6,166	67.710	68,797	70,279		10,848		22,255		
Percent of population	56.1	56.4	56.4	65.4	65.5	65.6	54.2	54.5	54.6	66.0	66.0	66.2	57.3	57.6	57.5	63.8	64.0	
Employed	15.280	15.268	14,756	84.021	85,128	84,770	5,356	5,352	5,123	63,333	64,082	64,069	9,923	9,916		20,690		
Unemployed	1,692	1,831	2.240	5.943	6,440	6,439	645	900	1,063	4,377	4,715	6,210	848	932		1,565	1	
Unemployment rate		10.7	13.2	6.6	7.0	9.1	13.6	14.4	17.2	6.5	6.9	8.8	7.9	8.6		7.0	7.6	9.7
Men 20 years and over	8.2	9.0	11.6	5.5	5.6	6.2	11.4	12.8	16.2	5.4	5.7	8.0	6.4	8.8	9.4	5.8	6.2	
Women 20 years and over	9.1	9.6	11.3	5.9	6.3	7.7	11.7	12.3	13.9	5.7	6.1	7.5	7.4	8.2	9.7	6.5	6.9	
Both sexes, 16-19 years	24.3	25.9	31.6	16.5	18.4	21.6	34.9	34.4	41.0	16.7	18.5	21.6	18.2	21 2		16.1	16.1	
Not in labor force		13,204		47,534	48,257	48,938	5,249	5.220	5,136	34,926	35,437	35,943	8,024	7,964	7,993	12.607	12,821	12,99
White			ļ			ļ					İ		1					
Divilian noninstitutional population	21.392	21.366	21,202	124,732	126,543	128,239	5,765	5,837	5,749	91,507	92,638	94,075	15,608	15,529		33.223		
Civilian labor force	12.293	12.371	12.274	61,305	82,679	83,869	3,239	3,324	3,275	60,135	61,015	62,069	9,054	9,047		21,170		
Percent of population		57.9	57.9	65.2	65.3	65.4	56.0	57.0	57.0	65.7	65.9	66.0	58.0	58.3				
Employed		11.383	11.041	76,350	77,325	76,861	2.912	2,991	2,866	56,606	57,236	57,114	8,454	8,392			20,069	
Unemployed		988	1.233	4.956	5,354	7.008	328	333	409	3,528	3,776	4,975	599	654	624	1,427	1,575	
Unemployment rata		8.0	10.0	6.1	6.5	6.4	10.1	10.0	12.5	5.9	6.2	8.0	6.6	7.2		6.7	7.3	1
Men, 20 years and over	6.3	6.8	9.0	5.1	5.4	7.6	6.7	9.4	11.8	4.9	5.2	7.3	5.5	5.6	8.0	5.6	8.0	8.9
Women, 20 years and	1	, ,,,						j	1		1	1	1	1		ł	1	
Over	6.8	7.0	8.4	5.4	5.7	7.1	8.8	7.9	10.0	5.1	5.4	6.8	6.1	6.6		6.2		
Both sexes, 16-19 years	1	20.1	24.6	15.1	16.8	19.8	25.0	24.6	30.4	15.1	16.6	19.4	15.6	18,6	22.7	15.3		
Not in labor force		8,995	8,928	43,425	43,663	44.370	2,545	2,513	2,473	31,372	31,623	31,986	6,553	6,482	6,454	12,053	12,240	12,38
Black					ļ				ļ		İ						}	
Civilian noninstitutional population	8.244	A 301	6.285	9,580	9,918	10,299	5,381	5,350	5,279	6,367	6,686	9,026	2,862					
Civilian labor force		4.382	4,364	6,524	6,703	6,967	2,800	2,776	2,742	5,715	5.878	6,137	1,541	1,606		807	825	
Percent of population	1	52.6	52.7	68.1	67.6	67.6	52.0	51.9	51.9	68.3	67.7	68.0	53.8	54.4		66.5		
Employed		3,584	3,414	5.691	5,770	5,775	2,300	2,225	2,110	4,989	5.064	5,096	1,321	1,359		703		
Unemployed		798	950	831	933	1,192	496	550	631	727	815	1,042	222	248			1	
Unemployment rate.	1	18.2	21.8	12.7	13.9	17.1	17.8	19.6	23.0	12.7	13.9	17.0	14.4	15.4				
Men, 20 years and over	14.0		20.5	11.3	11.9	16.1	15.4	17.9	22.8	11,4	11.9	16.2	11.7	12.3	16.8	10.7	12.2	15.
Women, 20 years and				]	1				1	1	1		1	1				
Over	14.1	16.1	17.9	10.4	11.7	13.9	14.5	16.7	16.0	10.3	11.7	13.6	13.6	14.9				
Both sexes, 16-19 years	41.4		50.9	36.3	41.4	45.9	45.7	44.3	52.8	36.3	42.1	46.2	32.6	35 8				
Not in labor force			3.921	3.056						2,652		2.888	1,321	1,345	1.383	406	407	44

NOTE: Poverty areas classification consists of all census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 decennial census. Persons were classified as poor or nonpoor by

using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm or nonfarm).



Table 11. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin, 1980-82

Employment status and age	•	Total	,	: 	White	,		Black		Hi	spanic orig	gin
- Company - Comp	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
VETERANS	!	! ! !					,					
25 to 39 years		I	:	1	:	!	!	!	!			
Civilian noninstitutional population	7,272	7,315	7,073	6,514	6,536	6,293	653	672	689	269	276	278
Civilian labor force	6,996	7,036	8,775	8,293	6,324	6,068	605	613	622	252	261	. 276 266
Percent of population	96.2	96.2	95.8	96.6	96.8	96.4	92.6	91.2	90.3	93.7	94.6	95 7
Employed	6,578	6,602	6,152	5,958	5,963	5,564	528	544	512	236	241	238
Unemployed	i	434	423	335	361	504	74	67	108	16	20	28
Unemployment rate		6.2	9.2	5.3	5.7	8.3	12.2	10.9	17.4	6.3	7.7	
Not in labor force	276	279	298	221	212	225	48	59	67	17	15	12
25 to 29 years			!	į i	İ		1			:	!	
Civilian noninstitutional population	1,713	1,486	1,200	1,480	1,281	1,018	208 ;	185	167	87 -	80	46
Civilian labor force	1,612	1,388	1,116	1,397	1,208	960	191	160	143	79	<b>75</b> !	45
Percent of population	94 1	93.3	93.0	94.4	94.3	94.3	91.8	86.5	85.6	90.8	93.8	97.8
EmployedUnemployed		1,250	945	1,276	1,100	830	155	134	104	73	70	40
Unemployment rate	160 9.9	136 9.8	171 15.3	121	108 8.9	130	35	26	38	6	5 '	5
Not in labor force	101	100	84	8.7 83	73	13.5 58	18.3 i	16.3 25	26.6 24	7.6 <sup>‡</sup> 8	6.7 5	11.1
30 to 34 years			1	}			.,	ادع	24	:		'
Civilian noninstitutional population	2 574	2 225	0.000	0.240	0.004	0.500	005				ن ا میر	
Civilian labor force	3,574 3,460	3,325 3,217	2,909 2,786	3 <sup>2</sup> 42	2,991 2,909	2,586   2,492	285	288	286	120	111	
Percent of population		96.8	95.8	2	97.3	96.4	266   93.3	264   92.3	259   90.6	115   95 8	107 <sup> </sup> 96.4	119 95.2
Employed		3,033	2,541	3,005	2,753	2,291	239	237	219	109	98	104
Unemployed	176	184	245	147	158	201	28	26	40	6	9 !	15
Unemployment rate	5.1	5.7	8.8	4.7	5.4	8.1	9.8	9.8	15.4	5.2	8.4	12.6
Not in labor force	114	108	123	92	83	94	19	22	27	5	4	6
35 to 39 years	! !						ļ		ļ	1	ļ	
Civilian noninstitutional population	1,985	2,504	2,964	1,791	.4	2,689	180	201	236	62	85	107
Civilian labor force	1,924	2,433	2,873	1,743	, 7	2,616	148	189	220	58	79	102
Percent of population	96.9	97 2	96.9	97.3	5	97.3	87.5	94.0	93.2	93.5	929	95.3
Employed		2,319	2,666	1,676	2,110	2,443	134	173	189	54	73	94
UnemployedUnemployment rate	83 4.3	114	207	67	97	173	13	15	30	4	6 !	8
Not in labor force	61	4.7 ± 71 ±		3.8 48	4.4 57	6.6 73	8.8 j 12 j	7.9 ¦ 12 ;	13.6 <sub>1</sub>	6.9	7.6 . 6 .	7.8 5
NONVETERANS	J.		5.	70	3,	/5	12	12 !	10 ;	1	• !	3
25 to 39 years	1	į	i				1		}	:		
Civilian noninstitutional population	18,321	17215	10 207	14.007	44044	45 757	4 744	1.046	4.005	4 000	1 0 4 0	4 000
Civilian labor force	15,489	17,215 16,297	18,287 17,333	14,027 13,445	14,814 14,185	15,757 15,086	1,744   1,561 :	1.816 . 1.605 !	1.885 ¦ 1.683 ;	1,232   1,155	1,342 1,255	1,390
Percent of population	94.9	94.7	94.8	95.8	95.8	95.7	89.5	88.4	89.3	93.8	93.5	1,303 93.7
Employed	14,555	15,265	15,751	12,735	13,400	13,878	1,371	1,386	1,368	1,061	1,148	1,149
Unemployed	935	1,032	1,582	710	785	1,210	190	221	316	94	107	154
Unemployment rate	6.0	6.3	91	5.3	5.5	8.0	12 2	13.8	18.8	8.1	8.5	11.8
Not in labor force	832	918	954	582	629	671	183	209	202	77 .	87	87
25 to 29 years .	:	ļ		•		}	į	:		:		
Civilian noninstitutional population :	7,534	7,858	8,188	6,556	8,828	7,115	789	802	824	540 :	593	600
Civilian labor force	7,114 ,	7,402	7,720	6,250	6,510	6,783	391	706	734 ¦	503 ;	555	562
Percent of population	94.4	94.2	94.3	95.3	95.3	95.3 ;	89.9	88.0	89 1	93 1	93.6	93 /
Employed	8,582 532	6,843	6,877	5,833	6,077	6,127	592	593	573	458	506 .	488
Unemployment rate	7.5	559 - 76 -	843 <sup>1</sup> 10.9 1	417   6.7	433 j 6.7	856 ± 9.7 ‡	99 14.3	113   18.0	162 ; 22 1	45 8.9	49 8 8	74 13 2
Not in labor force	420	456	468	306	318	332	78	96	90 -	37	38	38



Table 11. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin, 1980-82—Continued

i		Totai			White			Black		His	panic Orig	jin
Employment status and age	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
30 to 54 years						ļ					į	i i _
Civilian noninstitutional population	4,837	5,472	5,999	4,109	4,677	5.151	534	587	614	395	434	450
Cryilian labor force	4,619	5,209	5,719	3,960	4,500	4,954	482	524	551	371	409	42
Percent of population	95.5	95.2	95.3	96.4	96.2	96.2	90.3	89.3	89.7	93.9	94.2	94.9
Employed	4,368	4,904	5,260	3,778	4,274	4,609	427	454	456	341	371	37
Unemployed	250	305	459	182	226	345	55	71	95	30	38	41
Unemployment rate	5.4	5.9	8.0	4.6	5.0	7.0	11.4	13.5	17.2	8.1	9.3	11.
Not in labor force	218	263	280	149	177	197	50	62	63	24	25	2:
35 to 39 years												
Civilian noninstitutional population	3,950	3.885	4,100	3,363	3,309	3,491	441	427	447	298	315	34
Civilian labor force	1	3,686	3,894	3,235	3,175	3,349	388	375	398	282	291	31
Percent of population	95.1	94.9	95.0	96.2	96.0	95.9	88.0	87.8	89.0	94.6	92.4	92.
Employed	3,605	3,518	3,614	3,123	3,049	9,140	352	339	339	263	271	28
Unemployed		168	280	112	126	209	36	37	59	19	20	3
Unemployment rate		4.6	7.2	3.5	4.0	6.2	9.3	9.9	14.8	6.7	6.9	9.
Not in labor force	193	199	116	128	134	142	51	51	49	16	24	2

NOTE: Male Vietnam-era veterans are those who served in the Armed Forces between August 5, 1964, and May 7, 1975. Nonveterans are men who have never served in the Armed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population. Although Public Law 96-466 (the Veterans Rehabilitation and Education Amendments of 1980), which

became effective October 17, 1980, requires publication of labor market data for veterans who actually served in the Vietnam theater of operations, these data are not presently collected. Because of the widespread interest in statistics for all Vietnam-era veterans, the BLS is continuing publication of annual data for this group since these data are currently available.



Table 12. Persons not in the labor force by sex, race, and age, 1948-82 [in thousands]

Sex, year, and race	if years and over	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Men					•	į		i	
948	8,710	1,019	460	854 <sup>†</sup>	441	202	348	678	2,71
949	6,825	1,006	463	725 ;	462	205 <sub>1</sub>	372	821	2,77
250				į	; 1	_ i	i		
950	6,906	996 j	463	639	437 į	242 ;	358	871	2,90
951	6,725	958	421 i	517	334	251	347	864	3,03
952	8,832	1,020	437	451 ·	270	220	330	849	3,25
953 ¹	7,117	1,052	452	428 .	282	196	308	823	3,57
954	7,431	1,151	507	458	295	206	318	780	3,71
955	7,634	1 155	400	400	200	200	200	040	0.05
		1,155	499	488	263	209	326	840	3,85
956	7,633	1.096	491	488	299	226	321	812	3,90
957	8,118	1,157	510	540	318	235	347	887	4,12
958	8,514	1,302	562	588	311	233	355	875	4,30
959	8,907	1,475	581	548	280	251	394	915 <sub> </sub>	4,46
960 ¹	9,274	1 515	een '	556	202	262	407	070	4.64
961	9,633	1,515	663		282	263	427	973 i	4,61
962 <sup>1</sup>		1,531	788	589	285	274	445	953	4,78
	10,231	1,587	794	646	288	274	447	1,050	5,14
963	10,792	1,842	748	727	290	289	439	1,066	5,39
964	11,169	2,005	788	766	270	312	448	1,133	5,45
965	11,527	1,956	965	807	280	306	467	1,227	5,51
966	11,792	1,868	1,106	844			1		
ne7					276	312	499	1,253	5,63
967	11,919	1,871	1,034	934	290	303	517	1,281	5,69
68	12,315	1,948	1,054	1,057	334	315	552	1,312	5,74
969	12,677	1,972	1,087	1,097	389	334	592	1,406	5,82
70	13,076	2,038	1,100	1,144	423	340	636	1,465	5,92
71	13,762	2,099	1,162	1,278	497	374			•
372 1		. ,			1	1	678	1,557	6,11
	14,280	2,127	1,103	1,296	562	391	755	1,741	6,30
73 ¹	14,667	2,078	1,086	1,246	587	408	787	1,963	6,51
974	15,069	2,093	1,060	1,213	597	434	884	2,076	6,71
975	15,993	2,186	1,142	1,385	708	476	896	2,262	6,93
976	18,585	2,197	1,160	1,373	743	510	950	2,424	7,22
977	16,797	2,135	1,107	1,389	758	489	986	2,516	7,44
978 1									
	16,956	2,068	1,092	1,366	783	506	962	2,607	7,57
979	17,293	2,060	1,139	1,339	805	514	938	2.694	7,60
980	17,945	2,095	1,167	1,416	863	564	955	2,800	7,18
381	18,537	2,130	1,185	1,468	948	593	928	2,981	8,30
82	18,073	2,135	1,274	1,531	994	630	942	3,041	8,52
Women			·		į			,	•
948	35,737	1,466	1,071	3,285	7,912	6,500	5,511	4,879	5,114
949	35,883		1,032					4,957	5,25
740	35,663	1,426	1,032	3,249	7,955	6,486	5,524	4,837	3,23
950	35,661	1,422	1,048	3,136	7,958	6,486	5,442	4,966	5,42
951	35,879	1,395	989	3,058	7,842	6,513	5,379	5,033	5,67
952	38,261	1,408	996	3,100	7,870	8,535	5,428	5,060	5,86
353 1	36,924	1,462	1,022	3,050	6,084	6,627	5,434	4,982	8,26
954	37,247	1,542	1,048	2,953	8,024	6,708	5,465	5,037	8,469
			•		-,	-7.	-,	,,,,,	-1
955	37,026	1,574	1,044	2,884	7,930	8,740	5,326	4,959	6,569
956	36,760	1,508	1,043	2,847	7,814	6,648	5,285	4,874	6,75
957	37,218	1,587	1,083	2,879	7,705	6,705	5,311	4,987	8,96
58	37,574	1,752	1,110	2,895	7,583	6,765	5,298	5,018	7,154
959	38,053	1.891	1,180	3,014	7,488	6,831	5,291	4,993	7,3 <b>6</b> 9
Nen 1	20.010	4 000	4 225	0044	7.054	0.005	5 222	. 054	3 500
960 1	38.343	1,963	1,205	3,014	7.354	6,905	5,323	5,051	7,526
061	38,679	1,946	1,314	3,042	7,247	8,911	5,379	5,087	7,750
962 ¹	39,308	1,998	1,359	3,125	7,194	6,935	5,374	5,067	8,256
963	39 791	2,289	1,355	3,265	7,062	8,872	5,368	5,067	8,514
364	40,225	2,522	1,410	3,287	7,044	6,859	5,370	5,122	8,610



Table 12. Persons not in the labor force by sex, race, and age, 1948-82—Continued [in thousands]

Sex, year, and race	16 years and over	18 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Nomen—Continued							; 	٠.	
Des	40 521	2 404	1,605	3,378	8,906	8,685	5,505	5,151	8.80
965	40,531	2,494		. ,		6.530	5,496	5,181	9,02
966	40,496	2,382	1,680	3,387	6,811	6,309	5,568	5,238	9,24
967	40,608	2,399	1,859	3,478	8,716			5,340	9,44
968	40,978	2,436	1,642	3,529	8,871	6,131	5,585		
969	40,924	2,442	1,828	3,512	8,942	5,918	5,485	5,389	9,61
970	41,239	2,472	1,660	3,582	6,977	5,711	5,478	5,502	9,85
971	42,072	2,559	1,735	3,738	7,127	5,596	5,542	5,637	10,13
972 1	42,811	2,530	1,891	3,717	7,220	5,570	5,617	<b>5,856</b> ,	10,60
73 1	43,000	2,484	1,689	3,601	7,212	5,387	5,663	6,063	10,90
74	43,101	2,470	1,890	3,487	7,188	5,266	5,585	<b>6,156</b> i	11,30
75	43,386	2,495	1,726	3,461	7,138	5,147	5,555	6,235	11,8
778	43,406	2,478	1,723	3,454	7,006	4,970	5,478	6,339	11,9
977	43,227	2,429	1,667	3,387	8,860	4,865	5,332	6,464	12,2
78 1			1,595	3,272	6,605	4,772	5,124	6,524	12,5
779	42,703 42,608	2,289 2,251	1,569	3,246	8,519	4,662	4,918	6,586	12,8
	42,000	<b>E,E</b> 51	1,505	0,240	0,010	4,002	,,0.0	l	
80	42,861	2,302	1,601	3,297	8,468	4,551	4,897	6,738	13,2
81	42,922	2,291	1,819	3,254	8,437	4,488	4,524	6,806	13,5
982	42,993	2,243	1,585	3,232	6,312	4,550	4,433	6,807	13,8
WHITE									
Men									
)54	8,702	1,007	459	418	253	172	258	687	3,4
)55	8,881	1,011	442	439	216	170	278	745	3,5
)56	<b>6</b> ,870	952	435	430	257	186	271	719	3.6
)57	7,301	1,008	442	485	274	198	289	783	3,8
58	7,667	1,139	491	505	270	196	300	774	3,9
959	8,013	1,293	508	495	238	205	328	806	4,1
960 <sup>1</sup>	8,325	1,338	580	495	220	212	353	860	4,2
961	8,824	1,340	701	523	218	217	372	831	4,4
962 ¹	9,124	1,385	703	580	234	210	371	922	4,7
963	9,829	1,609	856	855	234	230	353	941	4,9
964	9,976	1,746	688	896	223	246	383	992	5,0
ļ		1 604		700	20.4	240	207	1,073	5.0
965	10,283	1,691	852	738	234	240	387		5,0
968	10,491	1,600	967	774	225	243	404	1,112	5,2
967		1,594	886	842	238	229	429	1,126 1,158	5,2 5,2
968	10,881 11,164	1,649	903	944	275	240 251	450 483	1,138	
969	11,104	1,663	929	974	300 [	23.	400	1,20#	
70	11,482	1,700	929	1,000	342	283	512	1,305	
971		1,731	969	1,098	<b>397</b> !	283	538	1,384	
972 1	12,356	1,748	903	1,104	456	290	605	1,527	
973 ¹	12,660	1,681	883	1,039	453	301	654	1,725	
974	12,949	1,682	857	1,005	464	318	708	1,824	6.0
975	13,658	1,738	903	1,124	552 <sup>i</sup>	348	718	1,988	6,2
976		1,740	896	1,097	563	385	754	2,119	
977		1,876	852	1,079	564	371	781	2,216	6,7
978 1		1,817	841	1,061	590	377	778	2,318	8,8
979		1,594	876	1,048	593	380 <sup>-</sup>	762		7,0
300	45 400	4 003	900	4 400	60 F	407	759	2,442	7.2
980		1,827 1,850	890 891	1,102 ; 1,124	635 665	407 431 ·		2.609	7.4
982	18,078	1,647	978	1,182	711	467	736	2.869	7,6
Women				'					
954	34,186	1,332	881	, <b>2,622</b>	7.338	6.202	5,051	4,715	6.0
			890	2,534		6,211	4,912	4,615	6,1
955	33,917	1,353	l		7,260 7,154	5,126	4,866	4,542	6,3
95 <b>6</b> 957	33,679	1,299	889			6,199	4,893	4.642	6,5
	34,077	1.383	920	. <b>2,</b> 523 .	1,023	0,199			
958	34,432	1,517	938	2,543	6.909	6.281	4,897	4.653	5.6



Table 12. Persons not in the labor force by sex, race, and age, 1948-82—Continued [in thousands]

Sex, year, and race	16 years and over	16 to 17 years	18 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women—Continued								!	
960 1	35,044	1,702	1,030	2,645	6,656	6,387	4 000	4.000	7.0
961	35,326	1,678	1,132	2,654			4,903	4,688	7,0
962 1	35,841	1,724			6,568	6,395	4,956	4.700	7.2
963	36,246		1,178	2,740	6,522	6,388	4,950	4,672	7,6
964	36,637	1,990 2,180	1,166 1,221	2,877 2,921	6,404	6,309	4,940	4,673	7,8
	00,007	2,100	1,221	2,921	6,379	6,277	4,953	4,727	7,9
965	38,865	2,137	1,374	3,008	6,258	6,119	5,056	4,751	8,1
966	36,801	2,026	1,442	2,997	6,172	5,976	5,049	4,774	6,3
967	<b>36</b> ,835	2,026	1,428	3,070	6,104	5,752	5,094	4,803	8,5
968	37,089	2,057	1,393	3,132	6,230	5,551	5,104	4,892	8,7
969	36,970	2,057	1,362	3,089	6,301	5,341	5,006	4,935	8,8
970	37,138	2 067	1 000	2.422		1			
971	37,798	2,067	1,386	3,120	6,308	5,140	4,979	5,031	9,1
0701		2,124	1,432	3,221	6,453	5,037	5,024	5,149	9,3
972 1	38,275	2,069	1,392	3,187	6,517	4,984	5,062	5,321	9,7
973 1	38,289	2,022	1,371	3,043	6,467	4,790	5,081	5,518	9,9
974	38,186	1,991	1,355	2,895	6,385	4,666	4,976	5,579	10,
975	38,301	2,020	1,381	2,836	6,296	4,540	4,955	5.841	10.6
76	38,239	1,976	1,356	2,826				5,643	10,6
977	37,969	1,912	1,303		6,203	4,354	4,875	5,729	10.9
978 1	37,533			2,758	6,042	<b>→,256</b>	4,741	5,828	11,1
		1,800	1,248	2,669	5,798	4,201	4,539	5,879	11,3
979	37,279	1,767	1,208	2,602	5,676	4,076	4,331	5,925	11,6
980	37,361	1,799	1,227	2,614	5,590	3.956	4,122	6,062	11,9
981	37,272	1,780	1,234	2,559	5,494	3,902	3,949	6,111	12,2
982	37,220	1,735	1,199	2,531	5,338	3,952	3,863	6,090	12,5
BLACK					ļ				-
Men	Ì			1	ļ		İ		
972	1,722	345	181	160	93	91	139	198	5
973 1	1,780	364	182	160	110	92	120	219	5
974	1,855	365	180	158	102	102	159	234	5
975	2044				_				
	2,044	397	207	212	124	112	164	249	5
76	2,164	411	233	216	138	108	175	270	6
977	2,168	408	217	224	148	99	180	271	6
78 1	2,143	393	208	237	153	106	166	254	6
79	2,201	402	218	223	161	110	154	285	6
980	2,333	402	228	236	169	130	160	210	•
81	2,433	408	1		1		169	316	6
982	2,480	419	240 242	248 260	212 214	131 130	174 179	320   323	7
Women								020	•
72	4,098	423	279	474	609	502	504	494	8
73 1	4,162	423	292	483	605	500	1	•	
74	4,308	439	299	487	644 i	503	524   527	496 528	8
7.5	1	1	1	i	i	ĺ		323	J
75	4,444	437	315	539	668	507	527	539	9
76	4,471	449	333	543	626	502	526	541	9
77	4,504	463	323	535	621	499	516	550	9
78 ¹	4,396	434	305	507	605	466	500	560	1,0
79	4,517	425	318	540	643	465	502	571	1,0
80	4,627	442	226	500	207				
81		443	326	568	667	476	483	576	1,08
82	4,701	445	333	586	713	463	478	584	1,12
UE	4,773	432	336	588	732	453	475	600 !	1,19

<sup>&</sup>lt;sup>1</sup> See footnote 1, table 1.



Table 13. Job desire of persons not in the labor force and reasons for not seeking work by sex and race, 1970-82

[In thousands]

1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
								į				
54 315	55 834	57.091	57.667	58.171	59.377	59,991	60,025	59,359	59,900	60,806	61,460	62,067
									54,472	55,131	55,623	55,508
30,723	01,407	02,007	00,100	00,000	• 1,1.5-	,		1				
6.056	6.397	6.345	6,178	6,077	6,393	6,507	6,344	6,303	6,144	6,350	6,430	6,427
			· 1		4,834	4,767	4,610	4,601	4,610	4,460		4,034
		. ,		32,213	31,666	31,159	30,689	30,039	29,581			28,409
				7,474	7,970	8,736	9,130	9,552	10,143			12,326
			2,792	3,062	3,239	3,587	3,466	3,716	3,994			4,312
			4,510	4,514	5,271	5,233	5,775	5,446	5,427	5,675	5,835	6,559
-,	·	·	-				1		į			
1,076	1,248	1,210	1,242	1,213	1,462	1,471						1,732
489	558	635	625	656	680	657						769
907	1,003	1,080	1,030	1,030	1,125	1,190						1,391
639	778	771	689	695	1,093	925	1,026	- 1				1,566
	539	544	496	471	863							1,161
201	236	227	188	226	230	271		- 1				386
770	838	797	924	920	909	990	1,143	1,187	1,161	1,148	1,125	1,099
									:			
12 078	13 782	14 280	14 BB7	15.089	15.993	16.585	16,797	16,956	17,293	17,945	18,537	19,073
11,871	12,404	12,920	13,249	13,679	14,321	14,956	15,013	15,225	15,559	16,118	16,620	16,862
									0.070	0.470	0.404	2 226
3,057	3,257	3,240		3,034								3,230 2,187
2,046	2,138					-						309
201	220	189					1					8,82
	5,420	1 -										2,31
1,347	1,366	1,499										2,21
1,203	1,355	1,358	1,413	1,389	1,671	1,630	1,783	1,/31	1,/32	1,627	1,910	2,214
,		:						746	740	757	790	923
564	1	1			t .	1	1			1	1	32
207	256	271	276	275	302	264	327	331	330	331	300	J.
							000	211	206	250	300	58
						1						37
208	218	227	253	258	254	201	340	3/2	1 303	555		
			40.000	40.404	40.000	40.406	42 227	42 703	42 608	42 861	42 922	42,99
												38,64
38,558	39,003	39,677	39,904	39,977	38,701	38,600	38,220	30,800	00,010	00,014	1 35,550	
	0.400	0.404	0.007	0.040	2 4 4 2	2 220	2 186	3 140	3.085	3.177	3.236	3,19
		1									1 .	1,84
	:						1 '					28,10
												3,50
									1	1		2,00
	, .									3,847	3,919	4,34
2,076	3,008	3,133	3,080	3,123	0,555	0,000	, 0,000	1	•			1
511	807	502	585	587	713	731	779	696	727	754	778	80
	:		1	1				401	419	424	409	44
200	301	303		002	, ,,,	:	1		1			
907	1.003	1.080	1 030	1.030	1.125	1.190	1,275	1,251	1,268	1,267	1,280	1,39
	1,000	1,000	!	1,000	,,,,,,			į	1			
	538	528	461	465	729	599	703	552	485	634		98
1			f	1			798	815	796	768	748	72
	1	1			-		!					
	1	1 ,000	40.044	E4 407	E4.050	E0 000	52 220	51 070	51 970	52 523	52,856	53,29
-			1							4 .		48,60
. 45,522	46,356	46,324	45,540	47,643	47.932	40,358	47,078	47,003	47,070	70,000	75,555	1.5,50
	-	;		4.00	E 400	; 1 E 000	E054	5.056	4,874	4,997	5,022	5,0
5,183	5,442	5,299		4,994	5,189	5,232	5,054 3,739	3,755	3,713	3,575	3,435	3,27
						- NJ3	1 3./3M	. 3./33				,
3,181	3,287	3,447	3,751	3,918		1			:			25.60
3,181 29,610	29.788	29,954	29,586	29,307	28,794	28,356	27,875	27,294	26,797	26,475	25,958	
3,181	29.788	29,954 6,188	29,586 6,668	29,307 6,842		28,356 7,983			:		25,958	25,60 11,13 3,51
	54,315 50,429 6,056 3,872 32,178 5,924 2,399 3,886 1,076 489 907 639 437 201 770 13,076 11,871 3,057 2,046 201 5,218 1,347 1,203 564 207 221 208 41,239 38,558 2,998 1,825 31,976 704 1,051 2,678 511 280 907 416 560	54,315 55,834 50,429 51,407 6,056 6,397 3,872 2,458 3,886 4,427 1,076 1,248 489 907 1,003 639 778 437 539 201 236 770 838 13,076 13,762 11,871 2,404 3,057 2,046 201 2,20 5,218 1,203 1,355 564 639 207 256 221 239 208 218 41,239 3,136 1,203 2,988 3,138 1,825 208 218 41,239 38,558 39,003 2,998 3,138 1,825 1,947 31,976 704 765 1,051 1,092 2,678 3,069 511 607 280 301 907 1,003 416 538 560 618	54,315         55,834         57,091           50,429         51,407         52,597           6,056         6,397         4,086         4,333           32,178         32,280         32,525         6,742           2,399         2,458         2,654         4,493           1,076         1,248         1,210         489         558         635           907         1,003         639         778         771         437         539         544           201         236         777         771         437         539         544           201         236         777         771         437         539         544           201         236         777         771         437         539         797           13,076         13,762         14,280         12,920         3,057         3,240         2,257         271           2,046         2,138         2,257         201         220         189         5,732         1,358           564         639         617         201         220         189         1,499         1,292         241         227           41,239         42,072 </td <td>54,315         55,834         57,091         57,667           50,429         51,407         52,597         53,154           6,056         6,397         4,086         4,333         4,595           32,178         32,280         32,525         32,351         7,238           5,924         6,187         6,742         7,238         2,792           3,886         4,427         4,493         4,510           1,076         1,248         1,210         1,242           489         558         635         625           907         1,003         1,080         1,030           639         778         771         689           437         539         544         496           201         236         227         188           700         838         797         924           13,076         13,762         14,280         14,667           11,871         12,404         12,920         13,249           3,057         3,257         3,240         3,151           2,046         2,138         2,257         2,407           1,347         1,366         1,499         1,514</td> <td>54,315         55,834         57,091         57,667         58,171           50,429         51,407         52,597         53,154         53,656           6,056         6,397         6,345         6,178         6,077           3,872         4,086         4,333         4,595         4,830           32,178         32,280         32,525         52,351         32,213           5,924         6,187         6,742         7,238         7,474           2,399         2,458         2,654         2,792         3,062           3,886         4,427         4,493         4,510         4,514           1,076         1,248         1,210         1,242         1,213           489         583         635         625         656           639         778         771         689         695           437         539         544         496         471           201         236         227         188         226           770         838         797         924         920           13,076         12,4280         14,667         15,069           11,871         12,404         12,920</td> <td>54,315         55,834         57,081         57,667         58,171         59,377           6,056         6,397         6,345         6,178         6,077         6,393           3,872         4,086         4,333         4,595         4,830         4,834           32,178         32,280         32,525         22,351         32,213         31,866           5,924         6,187         6,742         7,238         7,474         7,970           2,399         2,458         2,654         2,792         3,062         3,239           3,886         4,427         4,493         4,510         4,514         5,271           1,076         1,248         1,210         1,242         1,213         1,462           489         558         635         625         656         680           907         1,003         1,030         1,125         689         1,093         1,125           639         778         771         689         695         1,093         1,122           201         236         227         188         226         230           3,076         13,762         14,280         14,687         15,069</td> <td>54,315         55,834         57,091         57,667         58,171         59,377         59,991           6,056         6,397         6,345         6,178         6,077         6,337         54,102         54,758           6,056         6,397         6,345         6,178         6,077         32,178         32,280         32,525         52,351         32,213         31,668         31,159           5,924         6,187         6,742         7,238         7,474         7,970         8,736           2,399         2,458         2,654         2,792         3,062         3,233         3,587           1,076         1,248         1,210         1,242         1,213         1,462         1,471           489         558         635         625         656         680         657           907         1,003         1,030         1,030         1,125         1,190           437         539         544         496         471         863         653           201         236         227         188         226         230         271           437         3,537         3,240         3,151         3,049         13,679         <th< td=""><td>54,315         55,834         57,091         57,667         58,171         59,377         59,991         60,025           6,056         6,397         6,345         6,178         6,077         6,393         6,507         6,344           3,872         4,086         4,333         4,555         4,830         4,834         4,767         6,345           5,924         6,187         6,742         7,238         7,474         7,970         8,736         9,130           3,886         4,427         4,493         4,510         4,514         5,271         5,233         5,775           1,076         1,248         1,210         1,242         1,213         1,462         1,471         1,567           4,89         558         635         625         658         680         657         764           4907         1,003         1,080         1,030         1,030         1,125         1,190         1,275           201         236         227         188         695         685         680         657         764           4907         1,033         1,080         1,030         1,030         1,125         1,90         1,275           <t< td=""><td>54,315         55,834         57,091         57,667         58,171         59,377         59,891         60,025         59,359           6,056         6,397         6,345         8,178         50,077         6,393         6,507         6,344         6,303           3,872         4,086         4,333         4,595         4,830         4,834         4,767         4,610         3,003           2,998         2,258         2,2351         32,213         31,866         31,159         30,889         30,039         9,552           3,886         4,427         4,483         4,514         5,271         5,237         3,466         3,716           1,076         1,248         1,210         1,242         1,213         1,462         1,471         1,567         7,647           4,071         3,000         1,030         1,030         1,125         1,190         1,275         5,446           1,076         1,248         4,210         1,242         1,213         1,462         1,471         1,567         764         733           407         733         544         496         471         863         653         6,762         6,84         695         1,022</td><td>54,315         55,834         57,081         57,867         58,171         59,377         59,991         60,025         59,359         59,900           6,056         6,397         6,345         6,178         6,077         6,393         6,507         6,344         6,303         6,144           3,872         4,086         4,333         4,559         4,830         4,834         4,610         4,610           5,224         6,187         6,742         7,238         7,474         7,970         8,736         9,130         9,552         10,143           3,2989         2,489         2,648         2,792         3,062         3,239         3,587         7,544         5,427           1,076         1,248         1,210         1,242         1,213         1,482         1,471         1,567         1,412         1,470           489         558         635         625         656         680         657         764         733         757         5,446         5,427           1,076         1,248         1,210         1,242         1,221         1,21         1,41         1,567         1,412         1,470           489         588         635         6</td><td>54,315         55,834         57,091         57,667         58,171         59,377         59,991         60,025         59,359         59,900         60,806           50,429         51,407         52,597         53,154         53,656         54,102         54,756         54,238         54,212         54,472         55,131           6,056         6,397         4,084         4,333         4,595         4,830         4,834         4,767         4,810         4,601         4,601         4,601         4,601         4,601         4,610         4,601</td></t<><td>54.315</td></td></th<></td>	54,315         55,834         57,091         57,667           50,429         51,407         52,597         53,154           6,056         6,397         4,086         4,333         4,595           32,178         32,280         32,525         32,351         7,238           5,924         6,187         6,742         7,238         2,792           3,886         4,427         4,493         4,510           1,076         1,248         1,210         1,242           489         558         635         625           907         1,003         1,080         1,030           639         778         771         689           437         539         544         496           201         236         227         188           700         838         797         924           13,076         13,762         14,280         14,667           11,871         12,404         12,920         13,249           3,057         3,257         3,240         3,151           2,046         2,138         2,257         2,407           1,347         1,366         1,499         1,514	54,315         55,834         57,091         57,667         58,171           50,429         51,407         52,597         53,154         53,656           6,056         6,397         6,345         6,178         6,077           3,872         4,086         4,333         4,595         4,830           32,178         32,280         32,525         52,351         32,213           5,924         6,187         6,742         7,238         7,474           2,399         2,458         2,654         2,792         3,062           3,886         4,427         4,493         4,510         4,514           1,076         1,248         1,210         1,242         1,213           489         583         635         625         656           639         778         771         689         695           437         539         544         496         471           201         236         227         188         226           770         838         797         924         920           13,076         12,4280         14,667         15,069           11,871         12,404         12,920	54,315         55,834         57,081         57,667         58,171         59,377           6,056         6,397         6,345         6,178         6,077         6,393           3,872         4,086         4,333         4,595         4,830         4,834           32,178         32,280         32,525         22,351         32,213         31,866           5,924         6,187         6,742         7,238         7,474         7,970           2,399         2,458         2,654         2,792         3,062         3,239           3,886         4,427         4,493         4,510         4,514         5,271           1,076         1,248         1,210         1,242         1,213         1,462           489         558         635         625         656         680           907         1,003         1,030         1,125         689         1,093         1,125           639         778         771         689         695         1,093         1,122           201         236         227         188         226         230           3,076         13,762         14,280         14,687         15,069	54,315         55,834         57,091         57,667         58,171         59,377         59,991           6,056         6,397         6,345         6,178         6,077         6,337         54,102         54,758           6,056         6,397         6,345         6,178         6,077         32,178         32,280         32,525         52,351         32,213         31,668         31,159           5,924         6,187         6,742         7,238         7,474         7,970         8,736           2,399         2,458         2,654         2,792         3,062         3,233         3,587           1,076         1,248         1,210         1,242         1,213         1,462         1,471           489         558         635         625         656         680         657           907         1,003         1,030         1,030         1,125         1,190           437         539         544         496         471         863         653           201         236         227         188         226         230         271           437         3,537         3,240         3,151         3,049         13,679 <th< td=""><td>54,315         55,834         57,091         57,667         58,171         59,377         59,991         60,025           6,056         6,397         6,345         6,178         6,077         6,393         6,507         6,344           3,872         4,086         4,333         4,555         4,830         4,834         4,767         6,345           5,924         6,187         6,742         7,238         7,474         7,970         8,736         9,130           3,886         4,427         4,493         4,510         4,514         5,271         5,233         5,775           1,076         1,248         1,210         1,242         1,213         1,462         1,471         1,567           4,89         558         635         625         658         680         657         764           4907         1,003         1,080         1,030         1,030         1,125         1,190         1,275           201         236         227         188         695         685         680         657         764           4907         1,033         1,080         1,030         1,030         1,125         1,90         1,275           <t< td=""><td>54,315         55,834         57,091         57,667         58,171         59,377         59,891         60,025         59,359           6,056         6,397         6,345         8,178         50,077         6,393         6,507         6,344         6,303           3,872         4,086         4,333         4,595         4,830         4,834         4,767         4,610         3,003           2,998         2,258         2,2351         32,213         31,866         31,159         30,889         30,039         9,552           3,886         4,427         4,483         4,514         5,271         5,237         3,466         3,716           1,076         1,248         1,210         1,242         1,213         1,462         1,471         1,567         7,647           4,071         3,000         1,030         1,030         1,125         1,190         1,275         5,446           1,076         1,248         4,210         1,242         1,213         1,462         1,471         1,567         764         733           407         733         544         496         471         863         653         6,762         6,84         695         1,022</td><td>54,315         55,834         57,081         57,867         58,171         59,377         59,991         60,025         59,359         59,900           6,056         6,397         6,345         6,178         6,077         6,393         6,507         6,344         6,303         6,144           3,872         4,086         4,333         4,559         4,830         4,834         4,610         4,610           5,224         6,187         6,742         7,238         7,474         7,970         8,736         9,130         9,552         10,143           3,2989         2,489         2,648         2,792         3,062         3,239         3,587         7,544         5,427           1,076         1,248         1,210         1,242         1,213         1,482         1,471         1,567         1,412         1,470           489         558         635         625         656         680         657         764         733         757         5,446         5,427           1,076         1,248         1,210         1,242         1,221         1,21         1,41         1,567         1,412         1,470           489         588         635         6</td><td>54,315         55,834         57,091         57,667         58,171         59,377         59,991         60,025         59,359         59,900         60,806           50,429         51,407         52,597         53,154         53,656         54,102         54,756         54,238         54,212         54,472         55,131           6,056         6,397         4,084         4,333         4,595         4,830         4,834         4,767         4,810         4,601         4,601         4,601         4,601         4,601         4,610         4,601</td></t<><td>54.315</td></td></th<>	54,315         55,834         57,091         57,667         58,171         59,377         59,991         60,025           6,056         6,397         6,345         6,178         6,077         6,393         6,507         6,344           3,872         4,086         4,333         4,555         4,830         4,834         4,767         6,345           5,924         6,187         6,742         7,238         7,474         7,970         8,736         9,130           3,886         4,427         4,493         4,510         4,514         5,271         5,233         5,775           1,076         1,248         1,210         1,242         1,213         1,462         1,471         1,567           4,89         558         635         625         658         680         657         764           4907         1,003         1,080         1,030         1,030         1,125         1,190         1,275           201         236         227         188         695         685         680         657         764           4907         1,033         1,080         1,030         1,030         1,125         1,90         1,275 <t< td=""><td>54,315         55,834         57,091         57,667         58,171         59,377         59,891         60,025         59,359           6,056         6,397         6,345         8,178         50,077         6,393         6,507         6,344         6,303           3,872         4,086         4,333         4,595         4,830         4,834         4,767         4,610         3,003           2,998         2,258         2,2351         32,213         31,866         31,159         30,889         30,039         9,552           3,886         4,427         4,483         4,514         5,271         5,237         3,466         3,716           1,076         1,248         1,210         1,242         1,213         1,462         1,471         1,567         7,647           4,071         3,000         1,030         1,030         1,125         1,190         1,275         5,446           1,076         1,248         4,210         1,242         1,213         1,462         1,471         1,567         764         733           407         733         544         496         471         863         653         6,762         6,84         695         1,022</td><td>54,315         55,834         57,081         57,867         58,171         59,377         59,991         60,025         59,359         59,900           6,056         6,397         6,345         6,178         6,077         6,393         6,507         6,344         6,303         6,144           3,872         4,086         4,333         4,559         4,830         4,834         4,610         4,610           5,224         6,187         6,742         7,238         7,474         7,970         8,736         9,130         9,552         10,143           3,2989         2,489         2,648         2,792         3,062         3,239         3,587         7,544         5,427           1,076         1,248         1,210         1,242         1,213         1,482         1,471         1,567         1,412         1,470           489         558         635         625         656         680         657         764         733         757         5,446         5,427           1,076         1,248         1,210         1,242         1,221         1,21         1,41         1,567         1,412         1,470           489         588         635         6</td><td>54,315         55,834         57,091         57,667         58,171         59,377         59,991         60,025         59,359         59,900         60,806           50,429         51,407         52,597         53,154         53,656         54,102         54,756         54,238         54,212         54,472         55,131           6,056         6,397         4,084         4,333         4,595         4,830         4,834         4,767         4,810         4,601         4,601         4,601         4,601         4,601         4,610         4,601</td></t<> <td>54.315</td>	54,315         55,834         57,091         57,667         58,171         59,377         59,891         60,025         59,359           6,056         6,397         6,345         8,178         50,077         6,393         6,507         6,344         6,303           3,872         4,086         4,333         4,595         4,830         4,834         4,767         4,610         3,003           2,998         2,258         2,2351         32,213         31,866         31,159         30,889         30,039         9,552           3,886         4,427         4,483         4,514         5,271         5,237         3,466         3,716           1,076         1,248         1,210         1,242         1,213         1,462         1,471         1,567         7,647           4,071         3,000         1,030         1,030         1,125         1,190         1,275         5,446           1,076         1,248         4,210         1,242         1,213         1,462         1,471         1,567         764         733           407         733         544         496         471         863         653         6,762         6,84         695         1,022	54,315         55,834         57,081         57,867         58,171         59,377         59,991         60,025         59,359         59,900           6,056         6,397         6,345         6,178         6,077         6,393         6,507         6,344         6,303         6,144           3,872         4,086         4,333         4,559         4,830         4,834         4,610         4,610           5,224         6,187         6,742         7,238         7,474         7,970         8,736         9,130         9,552         10,143           3,2989         2,489         2,648         2,792         3,062         3,239         3,587         7,544         5,427           1,076         1,248         1,210         1,242         1,213         1,482         1,471         1,567         1,412         1,470           489         558         635         625         656         680         657         764         733         757         5,446         5,427           1,076         1,248         1,210         1,242         1,221         1,21         1,41         1,567         1,412         1,470           489         588         635         6	54,315         55,834         57,091         57,667         58,171         59,377         59,991         60,025         59,359         59,900         60,806           50,429         51,407         52,597         53,154         53,656         54,102         54,756         54,238         54,212         54,472         55,131           6,056         6,397         4,084         4,333         4,595         4,830         4,834         4,767         4,810         4,601         4,601         4,601         4,601         4,601         4,610         4,601	54.315



Table 13. Job desire of persons not in the labor force and reasons for not seeking work by sex and race, 1970-82—Continued

[in thousands]

Job desire, sex, and race	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
WHITE—Continued								! ! !				: !	:
Reason not looking:								i I				1	•
School attendance	874	975	955	955	931	1,116	1,095	1,153	1,026	4.000	4 007	4 007	
III health, disability Home responsibil-	360	405	453	450	487	492	461	572	527	1,062 533	1,087 537	1,087 542	1,219 532
itiesThink cannot get	719	770	822	819	815	886	924	981	960	977	991	955	1,025
job	500	590	579	502	527	781	689	723	597	551	673	751	1,042
Other reasons 1	659	704	667	742	734	752	811	930	984	968	930	923	879
BLACK	1								55.			323	0,0
otal not in labor force	(²)	(²)	5,819	5.941	6,169	6,487	6,635	6,672	6.539	6.718	6,959	7,134	7.054
Do not want a job now	(2)	(²)	4,867	4,994	5,234	5,389	5,515	5,429	5,307	5,544	5,878	5,740	7,254 5,595
Going to school	(²)	(²)	923	919	917	1.012	1.067	1,034	990	996	1,046	1,053	004
III, disabled	(2)	(2)	818	828	881	879	879	815	786	832	805	763	984 894
Keeping house	(²)	(2)	2,311	2,360	2,479	2,462	2.374	2,353	2,260	2,310	2.297	2,245	2,210
Retired	(2)	(2)	496	513	555	597	666	720	739	825	902	1,002	1,039
Other	( <sup>2</sup> )	(²) [	318	374	402	440	529	506	533	583	630	677	668
Want a job now	(²)	(²)	952	947	926	1,099	1,121	1,245	1,232	1,175	1,282	1,393	1,658
School attendance	(2)	(²)	233	256	254	303	318	373	346	366	350	394	434
III health, disability Home responsibil-	(²)	(²)	1,554	169	154	187	173	186	209	199	204	212	222
itiesThink cannot get	(²)	(²)	249	226	216	232	235	252	258	258	274	290	329
job	(²)	(²)	191	170	174	282	244	253	254	197	275	000	400
Other reasons 1	(2)	(2)	124	128	128	115	149	181	165	155	178	323 174	482 191

<sup>&</sup>lt;sup>1</sup> Includes a small number of men not looking for work because of "home responsibilities."

<sup>2</sup> Not available.

NOTE: Detail may not add to not-in-labor-force totals because of differences in the weighting patterns used in aggregating these data.



Table 14. Employed civilians by sex, race, and age, 1948-82

[In thousands]

lex, ye	ar, and race	16 years †	. 7									
		and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 year and ove
т	OTAL	!		1	!	! !				1		
48		58,343	4,026	1,600	2,426	54,318	6,937	13,801	13,050	10,624	7,103	2,80
		57,651 i	3,712	1,466	2,246	53,940	6,660	13,639	13,108	10,636	7,042	2,80
	;	i		4 400	0.070	55 219	6,746	13,917	13,424	10.966	7,265	2,8
		58,918	3,703	1,433	2,270	55,218	6,321	14,233	13,746	11,421	7,558	2,9
		59,961	3,767	1,575	2,192	56,196		14,515	14,058	11,687	7,785	2,9
			3,719	1,626	2,092	56,536	5,572		14,774	11,969	7,806	3,1
53		61,179	3,720	1,577	2,142	57,460	5,225	14,519		11,976	7,895	3.0
54	,	60,109	3,475	1,422	2,053	56,634	4,971	14,190	14,541	11,970	7,085	
		62,170	3,642	1,500	2,143	58,528	5,270	14,481	14,879	12,556	8,158	3,1
			3,818	1,647	2,171	59,983	5,545	14,407	15,218	12,978	8,519	3,3
			3,778	1,613	2,167	60,291	5,641	14,253	15,348	13,320	8,553	3,1
			3,778	1,519	2,063	59,454	5,571	13,675	15,157	13,448	8,559	3,0
		63,036		1,670	2,168	60,791	5,870	13,709	15,454	13,915	8,822	3,0
59 .		64,630	3,838	1,070	2,100	00,701	0,0.0	1	1			
60 :		65,778	4,129	1,770	2,360	61,648	6,119	13,630	15,598	14,238	8,989	3,0 2,9
			4,108	1,621	2,486	61,638	6,227	13,429	15,552	14,320	9,120	
52			4,195	1,607	2,588	62,508	6,446	13,311	15,901	14,491	9,346	3,0
			4,255	1,751	2,504	63,508	6,815	13,318	16,114	14,749	9,596	2,9
			4,516	2,013	2,503	64,789	7,303	13,449	16,166	15,094	9,804	2,9
		: 1			1			40.704	48 004	15,320	10.028	3,0
35		71,088	5,036	2,075	2,962	66,052	7,702	13,704	16,294		10,028	2,
66		72,895	5,721	2,269	3,452	67,178	7,964	14,017	16,312	15,615		3.0
			5,682	2,334	3,348	68,690	8,499	14,575	16,281	15,789	10,536	3,
68			5,781	2,403	3,377	70,141	8,762	15,265	16,220	16,083	10,745	
			6,117	2,573	3,543	71,785	9,319	15,883	16,100	16,410	10,919	3,
		•		0.500	0.546	72,534	9,731	16,318	15,922	16,473	10,974	3,
			6,144	2,598	3,546		10,201	16,781	15,675	16,451	11,009	3,
			6,208	2,596	3,613	73,158	, .	18,082	15,822	16,457	11,044	3,
72 1			6,746	2,787	3,959	75,407	10,999		16,041	16,553	10,966	2,
			7,271	3,032	4,239	77,793	11,839		16,203	16,633	10,964	2,
74 .		86,794	7,448	3,111	4,338	79,347	12,101	20,610	10,203	10,033	1	1
		85,846	7,104	2,941	4,162	78,744	11,885	21,087	15,953	16,190	10,827	2.
			7,336	2,972	4,363	81,416	12,570		16,468	16,224	10,912	2,
		:	7,536	3,138	4,550	84,329	13,196	I		16,212	11,126	2.
				3,330	4,739	87,979	13,887		18,128	16,338	11,400	2,
			8,070 8,083	3,340	4,743	90,741	14,327		18,981	16,357	11,585	2,
79		.; 96,024	6,003	3,040	4,7.10	1	1	i		10.004	44.506	2
80		99,303	7,710	3,106	4,605	91,593	14,087		19,523	16,234	11,586	2
81			7,225	2,866	4,359	93,172	14,122					
82			6,549	2,505	4,044	92,978	13,690	28,149	20,879	15,923	11,414	2
<b>U</b> L		,,	1			1	1	İ		1	ļ	
	Men	41 705	2,344	996	1,348	39,382	4,349	10,038	9,363	7,742		2
48		· 41,725		1	1,213	38,803					5,438	2
149		. 40,925	2,124	1	į	}	i	1			E 500	2
950		. 41,578	2,186	909	1,277	39,394	4,255					
951			2,156		1,177	39,626			9,607	8,012		
952					1,121	39,578	3,183	10,352	9,753	8,144		2
953	•			1	i i			10,500	10,229			
954	• • • •		1,985				2,724	10,254	10,082	8,330	5,830	2
			j	1	1 4450	. 40.500	2,973	10,453	10,267	8,553	5,857	2
955			2,095			40,526					1	
956	•	43,379	2,164					4			1	
<b>95</b> 7		43,357	2,115								_	
958	•											
959		43,466	2,198	1,015	1 183	41,267	3,597	9,862	: 10,482	1	i	j
2001		42.004	2,361	1,090	1,271	41.543	3,754	9.759	10,551	9,182		
960 '		43,904								9,195	6,155	
961		43,656									6,260	
962 1		44,177										i 2
963		44,657										
964		45,474	2,587	1,242	1,345	42,000	, 4,571		•		!	i
965		46,340	2,918	1,285	1,634	43,422	4.58					
		46,340			•				10,765	5 ! 9,904		
966		46.919					•					
967		47,479										
968		40.114	J,233	, 1,400	1,902						7 6,931	1 2



Table 14. Employed civilians by sex, race, and age, 1948-82—Continued [In thousands]

Course	16 years	1!	6 to 19 year	<b>s</b>			20	years and o	ver		
Sex, year, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Men-Continued	. :		j				i	1		!	į
1970		3,409	1,504	1,905	45,581	5,237	10,936	10,216	10,170	6,928	2,094
1971		3,478	1,510	1,968	45,912	5,593	11,218	10,028	10,139	6,916	2,019
1972 1		3,765	1,598	2,167	47,130	6,138	11,884	10,088	10,139	6,929	1,953
1973	52,349	4,039	1,721	2,318	48,310	6,655	12,617	10,126	10,197	6,857	1,856
1974	53,024	4,103	1,744	2,359	48,922	6,739	13,119	10,135	10,181	6,880	1,869
1975 1976		3,839	1,621	2.219	48,018	6,484	13,205	9,891	9,902	6,722	1,811
1977	53,138 54,728	3,947	1,626	2,321	49,190	6,915	13,869	10,069	9,881	6,724	1,732
1978 1		4,174 4,336	1,733 1,800	2,441	50,555	7,282	14,483	10,399	9,832	6,848	1,781
1979		4,300	1,799	2,535   2,501	52,143 53,308	7,559 7,791	15,124 15,688	10,845 11,202	9,806 9,735	6,954 7,015	1,855 1,876
1960	57,186	4,085	1,672	2,412	53,101	7,532	'				
1981	57,397	3,815	1,526	2,289	53,582		15,832 18,266	11,355	9,548	6,999	1,835
1982	56,271	3,379	1,307	2,072	52,891	7,197	16,002	11,613 11,902	9,478 9,234	6,909 6,781	1,812 1,776
Women		i 1		-							
1948 1949		1,882 1,588	604 555	1,078 1,033	14,936 15,137	2,588 2,463	3,763 3,760	3,687 3,800	2,882 2,975	1,516 1,60 <b>4</b>	501 535
1950	17,340	1,517	524		Ī			į		ŕ	
1951		1,817	524 <u>1</u> 596 i	993 1,015	15,824 16,570	2,491 2,541	3,857	3,979	3,176	1,757	563
1952	18,588	1,612	641	971	16,958	2,341	4.099	4,139	3,409	1,847	535
1953	18,749	1,584	601	983	17,164	2,305	4,163 4,019	4,305 4,545	3,543 3,595	1,981	576 683
1954	18,490	1,490	541	949	17,000	2,247	3,938	4,459	3,646	1,998 <b>2,06</b> 5	646
1955		1,547	584	984	18,002	2,297	4,028	4,612	4,003	2,301	781
1956	20,419	1,654	639	1,015	18,767	2,300	4,070	4.833	4,246	2,515	802
1957		1,663	626	1,037	19,052	2,295	4,031	4,921	4,469	2,551	785
1958	20,613 '	1,570	571 <sub>[</sub>	999	19,043	2,278	3,885	4,866	4,620	2,604	791
1959	21,164	1,640	655	985	19,524	2,273	4,847	4,962	4,867	2,764	813
1960 1	21,874	1,768	680	1,089	20,105	2,365	3,871	5.046	5,056	2,884	882
1961		1,793	632 j	1,161	20,296	2,432	3,838	5,047	5,125	2,965	889
1962 1		1,833	617	1,216	20,693	2,548	3,836	5,190	5,158	3,088	875
1963 1964	23,105 23,831	1,849 1,929	678   771	1,170   1,158	21,257 21,903	2,697 2,933	3,887 3,918	5,313 5,334	5,271 5,457	3,211 3,326	877 934
	24.748	2440	700		į	l I			İ		
1966		2,118 2,468	790 i 880 ¦	1,328	22,630	3,119	4,093	5,457	5,528	3,486	948
1967	26,893	2,496	917	1,589   1,579 ;	23,510 ± 24,397 ±	3.365 3.690	4,308	5,548	5,711	3,642	937
1968	:	2,526	950	1,575	25,281	3,850	4,587 4,860	5,607 5,666	5,799 5,981	3,782 3,852	953 972
1969		2,687	1,047	1,639	26,397	4,307	5,147	5,699	6,223	3,988	1,033
1970	29.688	2,735	1,094	1,641	26,952	4,494	5,382	5,706	6,303	4,046	1,023
l 971	29,976	2,730	1,086	1,645	27,246	4,609	5,563	5,647	6,313	4,093	1,021
972 '		2,980	1,188	1,792	28,276	4,861	6,197	5,734	6,318	4,115	1,051
1973 <sup>1</sup> 1974		3,231 3,345	1,310 1,367	1,920 1,978	29,484	5,184	6,893	5,915	6,356	4,109	1,029
	:	i	İ	į	30,424	5,363	7,492	6,068	6,451	4,084	966
975	33,989	3,263	1,320	1,943	30,726	5,401	7,882	6,061	6,288	4,105	989
977	35,615 37,289	3,389 : 3,514 -	1,348	2,043	32,226	5,855	8,624	6,400	6,343	4,188	1,017
978 1	39,569	3,734	1,403 1,530	2,110	33,775	5,965	9,387	8,758	6,380	4,279	1,027
979	41,217	3,783	1,541	2,204 2,242	35,836 37,434	6,328 6,538	10,157 10,802	7,282 7,779	8,532 8,622	4,448 4,569	1,091 1,124
980	42,117	3,825	1,433	2,192	38,492 ·	6,555	11,370	8,168	6,686	4,587	1,125
981	43,000	3,411	1,340	2,070	39,590	6,618	11.914	8,532	8,777	4,616	1,133
982	43,256	3,170	1,198	1,972	40,086	6,492	12,147	8,977	6,689	4,634	1,147
<b>WHITE</b> 954	53,957	3,078	1,257 ·	1 800 :	E0 970 :	4.050	10.010	10.000	40.044	7	0.00
955	55,833	3,225	1,330	1,822 1,896	50,879 52,608	4,358 ÷ 4,637 ÷	12,616 ± 12,855 ±	13,000 <sup>1</sup> 13,327 <sup>1</sup>	10,811	7,262	2,831
956	57,269	3.389	1,465	1,922	53,880	4,897	12,748	13,637	11,322   11,706	7,510 7,822	2,957 3,068
957	57,465	3.374	1,442	1,931	54,091	4,952	12,619	13,716	12,009	7,829	2,951
958	56,813	3,216	1,370	1,847	53,397	4,908	12,128	13,571	12,113	7,849	2,828
959	58.006	3.475	1.520	1,955	54,531	5,138	12,144	13,830	12,552	8,063	2,805
960 1	58.850	3.700	1,598	2.103	55,150	5,331	12,021	13,930	12.820	8,192	2,855
961	58.913	3,693	1,472	2,220	55,220	5,460	11,835	13.905	12,906	8,335	2,778
962 <sup>1</sup> 963	59,698	3,774	1,447	2,327	55,924	5,676	11,703	14,173	13,066	8,511	2,795
	60.622	3,851	1,600	2,250	56,771	8,036	11,689	14,341	13,304	8,718	2,683



Table 14. Employed civilians by sex, race, and age, 1948-82—Continued [In thousands]

	16 years	11	6 to 19 year	s			20 ,	years and o		,	•
Sex, year, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 yea and ov
WHITEContinued										I	
964	61,922	4,076	1,846	2,230	57,846	6,444	11,794	14,380	13,596	8,916	2,7
965	63,446	4,562	1,892	2,870	58,884	6,752	11,992	14,473	13,804	9,116	i <b>2,</b> 7
966	65,021	5,176	2,052	3,124	59,845	6,986	12,268	14,449	14,072	9,356	. 2,7
967	66,361	5,114	2,121	2,993	61,247	7,493	12,783	14,429	14,224	9,596	2,7
968	67,750	5,195	2,193	3,002	62,555	7,687	13,410	14,386	14,487	9,781	2,8
)69	69,518	5,508	2,347	3,161	64,010	8,182	13,935	14,270	14,788	9,947	2,8
970		5,571	2,386	3,185	64,645	8,559	14,326	14,092	14,854	9,979	2,6
971	70,878	5,670	2,404	3,266	65,208	9,000	14,713	13,858	14,843	10,014	2,7
721	73,370	6,173	2,581	3,592	67,197	9,718	15,904	13,940	14,845	10,077	2,7
731	75,708	6,623	2,806	3,816	69,086	10,424	17,099	14,083	14,886	9,983	2,6
)74	77,184	6,796	2,881	3,916	70,388	10,876	18,040	14,196	14,948	9,958	2,5
75		6,487	2,721	3,770	69,924	10,546	18,485	13,979	14,555	9,827 9,923	2,
376	78,853	6,724	2,762	3,982	72,129	11,119	19,662	14,407	14,549	•	•
77		7,068	2,926	4,142	74,632	11,896	20,844	14,984	14,483	10,107	2,
)78¹		7,367	3,085	4,282	77,569	12,251	22,008	15,809	14,550	10,311	2,
)79	87,259	7,356	3,079	4,278	79,904	12,594	23,033	16,578	14,522	10,477	2,0
980		7,021	2,861	4,161	80,694	12,405	23,653	17,071	14,405	10,475 10,386	2, 2,
981	88,709	6,588	2,654	3,943	82,121	12,477	24,551	17,617	14,414	1 .	
982	87,903	5,984	2,317	3,667	81,918	12,097	24,531	18,268	14,083	10,283	2,
Men	37,846	1,723	771	953	36,123	2,394	9,287	9,175	7,814	5,412	2.
54		•	821	1,004	36,895	2,607	9,461	9,351	7,792	5,431	2
55		1,824			37,475	2,850	9,330	9,449	7,950	5,559	2
56	39,368	1,893	890	1,002			9,226	9,480	8,067	5,442	2,
)57		1,865	874	990	37,484	2,930		9,386	8,061	5,501	2
)58		1,783	852	932	36,808	2,896	8,861			5,588	2.
959	39,494	1,961	915	1,046	37,533	3,153	8,911	9,560	8,281		!
960 1		2,092	973	1,119 1,164	37,863 37,533	3,264 3,311	8,777 8,830	9,589 9,566	8,372 8,394	5,618 5,670	2,
961		2,055			37,918	3,426	8,514	9,718	8,512	5,749	1.
962 1		2,098	883	1,215		3,846	8,463	9,782	8,650	5,844	1,
963 964		2,156 2,316	972 1,128	1,184 1,188	38,292 38,799	3,856	8,538	9,800	8,787	5,945	1,
<del>)6</del> 5	!!	2,612	1,159	1,453	39,232	4,025	8,598	9,795	8,924	5,998	1,
)66		2,913	1,245	1,668	39,418	4,028	8,674	9,719	9,029	6,096	1,
967		2,849	1,278	1,571	39,985	4,231	8,931	9,632	9,093	6,208	1,
968		2,908	1,319	1,589	40,503	4,226	9,315	9,522	9,198	6,316	1,
<del>,</del> 00		3,070	1,385	1,685	40,978	4,401	9,608	9,379	9,279	6,359	1,
970	44,178	3,066	1,374	1,892	41,112	4,601	9,784	9,202	9,271	6,340	1
71		3,157	1,393	1,764	41,438	4,935	10,026	9,028	9,256	8,339	
972 ¹		3,137	1,470	1,947	42,528	5,431	10,664	9,047	9,236	6,363	1
)73 ¹		3,660	1,590	2,071	43,424	5,863	11,268	9,048	9,257	6,299	1
974		3,728	1,611	2,117	43,946	5,965	11,701	9,027	9,242		
975	46,697	3,505	1,502	2,002	43,192	5,770	11,783	8,818	9,005	6,160	1
976		3,604	1,501	2,103	44,171	6,140	12,362	8,944	8,968	6,176	
977		3,824	1,607	2,217	45,326		12,693	9,212	8,898	8,279	1
978 1		3,950	1,664	2,286	46,594	6,717		9,608	8,840	6,339	1
979		3,904	1,654	2.250	47,546	6,868	13,888	9,930	8,748	6,406	1
980	51,127	3,708	1,534	2,174	47,419	6,652	14,009	10,077	8,586		
981		3,469		2,066		6,652	14,398	10,307			
982	1	3,079	•	1,865	47,209		14,164	10,593	8,267	6,188	i 1
Women			•			1	0.000	0.005	0.107		;
954		1,355		869		1,964	3,329	3,825	3,197	1,850	
955		1,401		892		2,030	3,394	3,976	3,530	2,079	
956		1,496		920		2,047	3,418	4,188			
957		1.509	•	·		2,022	3,393				
958	18,022			915	16,589	2.012				2,348	
959		1,514	605	909	16,998	1,985	3,233	. 4,270	4,291	2,475	
960 1	19,095	1.608	625	984	17,487	2,067	3.244			2,574	
961		1,638	581				3,205	4,339	4,512	2.665	



Table 14. Employed civilians by sex, race, and age, 1948-82—Continued [In thousands]

Cay was and an	16 years	1	6 to 19 year	8			20	years and o	ver		<b></b>
Sex, year, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 year
Women—Continued							<u> </u>				
962 1	19.682	1,676	564	1,112	18,006	2,250	3,189	4 455	4.554	0.763	70
963	20,194	1,695	628	1,066	18,499	2,250	3,108	4,455	4,554	2,762	79
964	20,807	1,760	718	1,042	19,047			4,559	4.654	2,874	79
965	21,602	1,950	733			2,588	3,256	4,580	4,809	2,971	84
966	22,690			1,217	19,652	2,727	3,394	4,678	4,880	3,118	89
967	23,528	2,263	807	1,456	20,427	2,958	3,594	4,730	5,043	3,260	84
968		2.265	843	1,422	21,263	3,262	3,832	4,797	5,131	3,388	85
969	24,339	2,287	874	1,413	22,052	3,461	4,095	4,864	5,289	3,465	87
<del></del>	25,470	2,438	962	1,476	23,032	3,781	4,327	4,891	5,509	3,588	93
970	26,039	2,505	1,012	1 402	00.504	0.050			!		į
971	26,283			1,493	23,534	3,959	4,542	4,890	5,582	3,640	92
972 1	20,203	2,513	1,011	1,502	23,770	4,065	4,687	4,831	5,568	3,675	92
973 1	27,426	2,755	1,111	1,645	24,669	4,286	5,240	4,893	5,608	3,714	92
074	28,623	2,962	1,217	1,746	25,661	4,562	5,831	5,036	5,628	3,684	92
974	29,511	3,069	1,269	1,799	26,442	4,711	6,340	5,169	5,706	3,654	86
975	29,714	2 000	4.645	4 70-						-	
976	25,/14	2,983	1,215	1,767	26,731	4,775	6,701	5,161	5,550	3,667	87
077		3,120	1,260	1,860	27,958	4,978	7,300	5,462	5,580	3,746	89
977	32,550	3,244	1,319	1,923	29,306	5,259	7,950	5,772	5,585	3,829	91
978	34,392	3,416	1,420	1,996	30,975	5,535	8,595	6,201	5,710	3,972	96
979	35,807	3,451	1,423	2,027	32,357	5,726	9,145	6,648	5,773	4,071	99
980	20 503	0044			00						
		3,314	1,327	1,986	33,275	5,753	9,644	6,994	5,818	4,064	1,00
981		3,119	1,242	1,877	34,275	5,826	10,153	7,311	5,896	4,077	1,01
982	37,614	2,905	1,103	1,802	34,710	5,724	10,367	7,675	5,816	4,095	1,03
BLACK		i	İ	i		[					
972	7,802	509	180	329	7,292	1 166	4.004	4.000			
973 1	8,128	570	}			1,166 j	1,924	1,629	1,434	872	269
974			194	378	7,559	1,258	2,062	1,659	1,460	872	24
	8,203	554	190	364	7,649	1,231	2,157	1,682	1,452	884	24:
975	7,894	507	183	325	7,386	1 115	2 4 4 5	4 647	4.000		
976	8,231	508	I			1,115	2,145	1,617	1,393	874	24
977	8,540		170	338	7,719	1,193	2,309	1,679	1,416	870	252
978 1		508	169	339	8,031	1,244	2,443	1,754	1,448 j	892	25
070	9,102	571	191	380	8,531	1,359	2,641	1,848	1,479	932	27:
979	9,359	579	204	376 <sub>i</sub>	8,780	1,424	2,759	1,902	1,502	927	260
980	9,313	547	400	050	0.705			1			
981	9,355	547	192	356	8,765	1,376	2,827	1,910	1,467	925	239
982		505	170	335	6,849	1,346	2,872	1,957	1,489	954	23
902	9,189	428	138	290	8,761	1,283	2,830	2,025	1,469	928	22
Men i	1	ĺ	1		!	1		ļ	i		
972	4,368	309	114	195	4,058	648	1,074	890	793	499	156
973 '	4.527	330	112	220	4,197	711					
974	4,527	322	114		4,197		1,142	898	816	483	
	4.027	JEE	114	209	4,204	668	1,176	912	803	500	145
975	4.275	276	98	179	3,998	595	1,159	865	755	487	137
976 , ,	4,408	263	100	184	4,120	635	1,133	897			
977	4,565	291	105	186	4,273	659		I .	763	472 1	
978 1	4,796	312	106	206			1,271	940	777	484 :	143
979	4,923	316			4,483	697	1,357	969	788	516	155
1	4,320	310 ;	111	205	4,606	754	1,425	983	801	498	147
980	4,798	299	109	191	4,498	713	1,438	975	770 !	478	126
981	4,794	273	95	178	4,520	693	1,457				
982	4,637	223	65	158	•			991	764	492	123
	4,007	220	03	136	4,414	660	1,414	997	750	471	122
Women	!	i	ļ	;	i	,	1	į		'	
972	3,433 -	200	85	134	3,233	519 i	850	739	641	373	113
973 1	3,601	239	81	158	3,362	546	920 :	761	644	389	101
974	3,677	232	77	155	3,445	562	981	770	649 :	383 ;	98
	1		i	į	i	!	:		040		30
975	3,618	231 ¦	85	146 ¦	3,388	520	985	752	638	387	104
976	3,823	<b>224</b> i	70 i	154	3,599	558	1,092	782	653	398	115
977	3,975	217 i	64	153	3,758	585	1,172	814	671	408	109
978 <sup>1</sup>	4,307	260	85	175	4,047	662	1,283	879	691	416	118
379	4,438	263	92	171	4,174	670	1,333	919	702	428 i	119
	•		į	.,,	4173	370	1,000	318	102	420	118
	4,515	248	82	165	4,267	663 <sup>;</sup>	1.389	936	717	448 <sup>†</sup>	113
981	4.561	232	75	157	4,329	<b>653</b> :	1,415	966	725	462 -	108
182	4,552 ;	205	73	132	4,347	623	1,416	1.028	719	457	103
					-,,	OEU.	1,710	1,020	/ 13	407	10

<sup>1</sup> See footnote 1, table 1.



Table 15. Civilian employment-population ratios 1 by sex, race, and age, 1948-82

		16 years	1	6 to 19 year	5			20	years and o	ver		<sub>T</sub>
Sex, y	ear, and race	and over	Total	16 to 17 years	16 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	85 yea and ov
	TOTAL											
		56.6	47.7	37.5	58.0	57.4	60.2	61.0	64.9	63.3	55.1	20
		55.4	45.2	35.4	55.1	56.3	58.9	59.8	64.3	62.6	53.3	2:
50		56.1	45.5	35.2	55.6	57.0	60.9	60.5	64.9	63.6	53.9	2
		57.3	47.9	38.5	58.1	58.1	82.2	82.3	65.9	65.4	55.2	2
)				38.4	56.7	58.1	59.3	63.0	66.5	66.0	56.1	2
)≰		57.3	48.9				58.3	82.4	87.4	66.5	58.4	2
<b>3</b>		57.1	46.4	37.2	56.8	58.0		i	1	65.4	56.1	2
×4		55.5	42.3	32.6	52.8	56.8	55.9	60.9	85.7	00.4	50.1	•
i5		56.7	43.5	33.8	54.6	57.8	58.3	82.3	66.8	67.3	57.0	2
		57.5	45.3	36.7	54.9	58.5	59.8	82.4	87.4	68.3	58.7	2
7		57.1	43.9	35.2	53.8	58.2	59.5	82.4	87.4	68.6	58.1	1
	•••••	55.4	39.9	31.2	50.1	56.8	57.2	60.8	85.6	67.6	57.4	1 2
		56.0	39.9	31.3	50.8	57.5	58.8	81.7	66.6	68.9	58.3	
		į						000	00.0	00.4	500	4
Ю		56.1	40.5	31.8	51.1	57.8	59.6	82.0	66.6	89.1	58.3	1
31		55.4	39.1	29.7	49.2	56.9	58.8	61.5	85.9	68.5	58.2	]
2		55.5	39.4	29.2	50.3	57.1	59.4	81.9	66.8	89.3	58.9	'
		55.4	37.4	27.8	49.4	57.2	59.4	82.2	87.3	69.8	59.5	
			37.3	28.9	48.7	57.7	60.8	82.9	67.5	70.4	59.8	] '
		56.2	38.9	29.9	49.4	58.2	81.9	64.0	68.4	70.5	<b>60</b> .0	
-				32.8	51.7	58.7	63.0	65.1	89.2	71.1	60.6	
		56.9	42.1					1	69.8	70.9	60.9	
37		57.3	42.2	33.3	51.7	59.0	63.3	66.1	1	ľ	1	
38		57.5	42.2	33.4	52.0	59.3	63.1	66.8	70.4	71.4	61.0 60.9	
Q		58.0	43.4	34.7	53.1	59.7	64.3	87.2	70.9	72.0	60.9	
'O		57.4	42.3	34.0	51.6	59.2	83.5	66.8	70.8	71.4	60.1	1
		56.6	41.3	33.1	50.4	58.4	82.4	66.2	70.4	70.8	59.2	
		57.0	43.5	34.5	53.2	58.8	64.2	67.6	70.8	70.5	58.1	1
		57.8	45.9	36.9	55.7	59.3	66.9	89.2	72.0	70.8	56.9	1
		57.8	48.0	37.2	55.6	59.2	67.3	70.0	72.1	70.5	58.2	į ·
		50.4	40.0	040	52.0	57.8	63.9	68.7	70.8	68.6	54.6	
		56.1	43.3	34.9	1	58.3	85.8	70.4	72.2	69.3	54.1	ļ
	•••••••••••••••••••••••••••••••••••••••	56.8	44.2	35.2	53.4			72.0	73.8	69.9	54.1	
		57.9	46.1	37.0	55.4	59.2	87.4	1	i	1	54.8	
		59.3	48.3	39.3	57.7	60.8	69.4	74.2	75.2	71.1	1	
79		59.9	46.5	39.8	57.4	81.2	70.4	75.1	76.3	71.9	54.8	1
BO		59.2	46.8	37.5	55.7	60.8	68.3	74.4	76.3	71.9	53.8	
		59.0	44.6	35.5	53.5	60.5	67.8	74.8	78.8	72.5	53.0	l
		57.8	41.5	32.5	50.2	59.4	65.7	73.1	73.8	71.5	52.1	
٠ <u>.</u>		37.0	41.0	52.5		••••						
48	Men	63.5	57.5	48.8	69.1	85.8	78.7	93.2	95.6	93.4	86.7	
		81.3	53.8	44.2	64.4	83.7	77.7	90.9	93.8	91.4	82.8	
		1		ŀ				24.0		010	827	
		82.0	55.2	44.5	66.5	84.2	80.7	91.8	94.1	91.9	82.7 84.8	
-			57.9	48.0	69.8	86.1	64.9	94.8	95.8	93.7		
		1 .	55.9	46.4	68.1	86.2	84.0	95.4	96.0	94.1	85.4	'
			55.9	46.0	68.1	85.9	83.3	95.3	96.2	94.3	85.4	1
54		81.0	50.2	40.5	62.0	83.5	77.6	92.7	94.1	92.4	84.7	,
55		81.8	52.1	42.1	64.5	84.3	80.2	94.4	95.0	93.3	84.2	
		82.3	53.8	45.0	64.8	84.8	81.7	94.1	95.4	93.7	85.4	1 :
		81.3	51.8	43.2	62.8	83.8	60.3	93.9	95.1	93.2	84.4	;
		!	46.9	36.9	57.3	81.2	75.9	90.8	92.9	91.2	83.0	;
		1 (	47.2	37.9	60.0	82.3	80.1	92.8	94.1	92.0	83.5	;
				j				000		010	000	
		78.9	47.8	36.9	58.9	81.9	80.2	92.8	94.0	91.8	82.8	
<b>6</b> 1			45.3	36.1	55.9	80.8	78.3	91.9	93.1	90.9	82.3	
		77.7	45.9	35.8	575	80.9	79.1	92.8	94.0	91.8	82.3	
63 .		77.1	43.8	33.9	57.2	80.6	75. <b>6</b>	92.8	94.1	92.3	82.5	
		77.3	44.1	35.5	56.9	80.9	79.2	94.0	94.5	92.6	82.3	
es.		77.5	48.2	36.8	57.7	81 2	80.4	94.4	94.8	93.2	81.9	
			48.9	39.9	58.8	81.5	81.2	95.0	95.3	93.5	82.3	
		1 1					80.5	•	95.6	93.3	82.4	
		78.0	48.7	40.2 40.0	56.8 59.1	81.5 81.3	78.5		95.8	93.4	82.7	
		77.8	48.7									



Table 15. Civilian employment-population ratios 1 by sex, race, and age, 1948-82—Continued

Cau was	16 years	1	6 to 19 year	8		r	20	years and o	197		<b></b>
Sex, year, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years
Men—Continued											
1970	76.2	47.7	39.1	57.7	79.7	76.3	93.1	94.5	92.0	90.7	25
1 <b>971</b>	74.9	46.8	38.2	56.6	78.5	74.5	91.7	93.5	92.0 i 91.1	80.7 79.4	25.1 24.1
1972	75.0	48.9	39.2	59.8	78.4	76.1	92.0	93.7	90.8	77.9	23.4
1973	75.5	51.4	41.4	62.6	78.6	79.0	92.5	94.2	91.0		
1974	74.9	51.2	41.2	62.4	77.9	78.4	92.0	93.5	90.0	76.3 75.3	22.0 21.0
						,	52.0	55.0		75.5	21.0
1975	71.7	47.2	38.1	57 2	74.8	72.4	88.6	91.0	87.6	72.4	20.5
1976		47.9	38.1	58.3	75.1	74.9	89.3	91.5	87.9	71.2	19.1
1977	72.8	50.4	40.4	61.0	75.6	76.3	89.9	92.4	88.2	71.2	18.9
1978		52.2	41.9	63.2	76.4	78.0	91.1	93.0	88.8	71.3	19.5
1979	73.8	51.7	42.3	61.6	76.5	78.9	91.2	93.0	89.0	70.8	19.2
1980	72.0	49.5	39.9	50.4	740	75.4					
1981	71.3	47.1	37.3	59.4 57.2	74.6	75.1	88.8	91.6	87.9	69.7	18.4
1982	69.0	42.9	37.3		74.0	74.2	88.3	91.0	87.8	68.1	17.8
Women	00.0	42.5	33.4	52.2	71.8	71.0	85.2	88.8	86.1	66.4	17.1
1948	31.3	36.5	28.3	48.3	20.7	42.1	04.0	05.0	2.12		
1949	31.2	37.2	26.7	47.1	30.7 30.6	43.1 41.7	31.8 31.5	35.8 36.3	34.0 34.5	23.5 24.2	8.9 9.2
1950	200	20.0	05.0	•			ļ				
1951	32.0 33.1	36.3	25.8	46.2	31.6	42.9	32.0	37.4	36.2	25.8	9.4
1952	33.4	36.9	29.0	48.7	32.6	44.5	33.8	36.3	38.2	26.6	8.6
1953	33.3	38.8	30.3	47.6	33.0	42.7	34.2	39.2	39.1	27.9	8.9
1954	32.5	37.8 34.9	28.4 25.0	47.4	32.9	42.4	32.8	40.3	39.4	26.4	9.6
i	32.5	34.5	25.0	45.0	32.3	41.8	32.2	39.1	39.3	28.7	9.1
1955	34.0	35.6	25.5	46.3	33.8	43.1	33.1	40.0	42.2	31.3	10.4
1956	35.1	37.5	28.5	46.8	34.9	43.4	33.7	41.4	43.8	33.6	10.6
1957	35.1 <sub> </sub>	36.7	27.2	46.6	35.0	43.1	33.7	41.6	45.0	33.5	10.1
958	34.5	33.5	23.4	44.3	34.6	42.2	33.0	40.7	45.5	33.6	9.9
1959	35.0	33.0	24.7	42.6	35.1	41.4	33.2	41.2	46.9	35.1	9.9
1960	35.5	33.8	24.6	44.3	35.7	42.3	33.7	41.3	47.7	35.9	10.5
961	35.4	33.2	23.2	43.3	35.6	42.4	33.7	41.0	47.5	36.2	10.3
962	35.6	33.3	22.5	44.0	35.8	43.0	34.0	41.8	48.0	37.3	9.5
963	35.8	31.5	21.6	42.8	36.3	43.3	34.6	42.6	46.5	38.2	9.3
964	36.3	30.9	22.2	41.7	36.9	45.1	34.9	42.8	49.4	38.8	9.6
1965	37.1	32.0	22.9	42.0	37.6	46.0	00.4	440	40.0		
966	38.3	35.6	25.6	45.4	38.6	46.3	36.4	44.0	49.3	39.9	9.7
967	39.0	35.9	26.4	45.5	39.3	48.2 49.6	38.1	45.2	50.2	40.9	9.4
968	39.6	36.0	26.6	45.7	40.0	50.9	39.7 40.6	46.1	50.2	41.4	9.3
969	40.7	37.5	28.4	47.0	41.1	53.1	41.7	47.2 48.2	51.1 52.4	41.5 42.1	9.3 9.7
970	40.8	37.1	28.8	45.9	44.0	i i	40.4			1	
971	40.4	36.0		•	. 41.2	53.1	42.4	48.9	52.5	41.9	9.4
972	41.0	38.2	27.9	44.5	40.9	52.2	42.4	46.9	52.1	41.5	9.1
973	42.0	40.5	29.7 32.1	47.0	41.3	53.5	44.8	49 4	51.9	40.7	9.0
974	42 6	41.0	33.0	49.1 49.1	42.2   42.8	56.0	47.4	51.3	52.0	39.9	8.6
į	f I	41.0	33.0	75.1	42.0	57.1	49.4	52.2	52.6	39.4	7.9
975	42.0	39.4	31.7	47.2	42.3	56.0	49.9	52.0	51.4	38.9	7.6
976	43.2	40.5	32.2	48.7	43.5	57.3	52.5	54.3	52.1	39.0	7.8
977	44.5	41.8	33.5	50.2	44.8	59.0	55.1	56.1	52.9	39.1	7.7
978	46.4	44.5	36.5	52.5	46.6	61.3	58.1	58.6	54.7	40.0	8.0
979	47.5	45.3	37.2	53.3	47.7	62.4	59.8	60.7	56.1	40.4	8.0
980 089	47.7	43.8	35.1	52.2	48.1	61.8	60.7	62.0	57.1	40.0	7.8
981	48.0	42.0	33.7	50.0	48.6	61.8	61.6	63.0	58.3	39.8	7.7
982	47.7	40.2	31.5	48.3	48.4	60.6	61.8	63.2	58.0	39.6	7.6
WHITE	:			1		1				1	
954	55.2	42.9	33.2	53.7	56.2	55.9	60.6	65.3	65.2	55.9	22.8
955	56.5	44.2	34 3	55.5	57.4	58.8	62.0	66.3	67 1	57.0	23.1
956 957	57.3	46.1	37.5	55.9	58.2	60.4	62.0	67.1	68.1	58.6	23.4
958	56.8	45.0	36.0	55.2	57.8	59.7	62.0	66.9	68.4	57.9	22.1
959	55.3 <sup>†</sup> 55.9 †	410	32 1	51.7	56.5	57.8	60.4	65.5	67.6	57.4	20.7
	55.8 ! !	41.2	32.3	52.5	57.2	59.1	61.6	66.2	68.8	58.2	20.1
960	55 <b>9</b> ,	41 5 i	32.6	52 4	57.2	59.7	61.7	66.2	69.0	58.2	20.0
961	55.3	40.1 i	30.8	50.1	56.7	59.3	61.4	65.7	68.5	58.3	19.1
962	55.4	40.4 :	30 0 '	51 4	56.9	598	61.7	66.6	69.2	58.9	18.3
963	55 3	38.6	28 8	50 8	56.9	59.9	62.0	67.0	69.7	59.4	17.2
964	55.5 <sup>:</sup>	38.4	30 1	49.8	57 3	61.0	62.6	67.3	70.2	59.6	17.2



Table 15. Civilian employment-population ratios 1 by sex, race, and age, 1948-82—Continued

WHITE-Continued		
969	year, and race	4 65 year and ove
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58.2 48.9 40.0 58.6 59.3 68.3 69.3 72.1 72.9 57.1 58.4 58.3 49.3 40.5 58.7 59.3 68.9 70.2 72.3 77.0 58.4 58.5 75.5 47.8 58.3 49.5 58.7 59.3 68.9 70.2 72.3 77.0 58.4 58.5 75.5 47.8 38.8 57.2 58.6 57.9 70.8 72.7 70.8 57.5 77.5 56.6 50.1 40.3 69.8 69.8 67.9 70.8 72.7 70.4 54.5 77.7 56.6 50.1 40.3 69.8 69.8 67.9 70.8 72.7 70.4 54.5 77.7 56.6 50.1 40.3 69.8 69.8 69.9 72.8 74.1 70.4 54.5 77.8 78.8 60.0 52.4 43.8 61.4 61.5 72.9 74.1 70.4 54.5 78.8 60.0 52.4 43.8 61.4 61.5 72.9 75.8 76.8 72.4 54.9 80.0 52.4 43.8 61.4 61.5 72.9 75.8 76.8 72.4 54.9 80.0 52.4 43.8 61.4 61.5 72.9 75.8 76.8 72.4 54.9 80.0 52.4 43.8 61.4 61.5 72.9 75.8 76.8 72.4 54.9 80.0 52.4 43.8 61.4 61.5 72.9 75.8 76.8 72.4 54.9 80.0 52.8 56.8 45.8 36.3 54.8 60.1 68.8 74.8 76.4 72.3 52.8 80.0 80.0 50.7 41.4 55.9 61.0 71.0 75.3 77.0 72.6 54.2 52.0 52.0 56.8 45.8 36.3 54.8 60.1 68.8 74.8 76.4 72.3 52.8 52.1 56.8 45.8 36.3 54.8 60.1 68.8 74.8 78.9 79.9 77.3 73.3 53.3 53.3 53.3 54.8 55.8 56.8 45.8 36.3 54.8 60.1 68.8 74.8 78.9 79.9 77.3 73.3 53.3 53.3 54.8 55.2 52.2 52.0 42.2 64.2 84.7 80.4 92.9 95.7 93.8 84.9 55.5 52.2 52.0 42.2 64.2 84.7 80.4 92.9 95.7 93.8 84.9 55.5 52.2 52.0 52.0 42.2 64.2 84.7 80.4 92.9 95.7 93.8 84.9 55.5 52.8 52.2 52.0 52.0 42.2 64.2 84.7 80.4 92.9 95.7 93.8 84.9 55.5 52.8 52.2 52.0 52.0 42.2 64.2 84.7 80.4 92.9 95.7 93.8 84.9 92.7 84.2 92.9 94.1 86.1 92.0 92.9 94.1 86.1 92.0 94.1 94.0 92.0 95.7 93.8 94.1 86.1 92.0 94.1 94.0 92.0 95.0 94.1 94.0 92.0 95.0 94.1 94.0 92.0 95.0 94.1 94.0 92.0 95.0 94.1 94.0 92.0 95.0 94.1 94.0 92.0 95.0 94.1 94.0 92.0 95.0 94.1 94.0 92.0 95.0 94.1 94.0 92.0 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94		
98.3 49.3 49.5 59.7 59.3 68.9 70.2 72.3 710 56.4 75.5 56.5 56.7 48.5 38.2 55.4 57.9 66.0 69.1 71.2 99.4 54.8 75.7 75.5 56.7 47.8 38.8 57.2 58.6 67.9 70.8 72.7 75.5 71.6 54.8 66.0 52.4 43.3 61.8 60.8 72.9 75.8 76.8 72.4 54.9 60.0 52.4 43.3 61.8 60.8 72.9 75.8 76.8 72.4 54.9 60.0 52.4 43.3 61.8 60.8 72.9 75.8 76.8 72.4 54.9 60.0 52.4 43.3 61.8 60.8 72.9 75.8 76.8 72.4 54.9 60.0 60.0 52.4 33.6 61.4 61.5 72.9 75.8 76.8 72.4 54.9 60.0 60.0 48.7 39.5 57.9 61.1 70.9 75.3 77.0 72.6 54.2 54.9 60.0 60.0 48.7 39.5 57.9 61.1 70.9 75.3 77.0 72.6 54.2 54.9 60.0 60.0 48.7 39.5 57.9 61.1 70.9 75.3 77.0 72.6 54.2 54.9 60.0 60.0 48.7 39.5 57.9 61.1 70.9 75.9 77.3 72.3 52.3 52.5 69.0 60.0 60.0 48.7 39.5 57.9 61.1 70.9 75.9 77.3 72.3 52.3 52.5 69.0 60.0 60.0 48.7 39.5 67.9 61.1 70.9 75.9 75.8 76.8 72.4 54.9 69.0 60.0 60.0 60.0 60.0 60.0 60.0 60		
\$ 15.5		.4 } 1
75   55.7   46.5   36.2   36.8   57.8   58.8   69.9   70.8   72.7   77.7   77.5   58.6   50.1   40.9   59.6   59.6   69.9   72.8   74.1   70.4   54.5   77.7   77.5   58.6   50.1   40.9   59.6   69.9   72.8   74.1   70.4   54.5   77.8   60.0   52.6   43.3   61.8   60.8   77.9   74.7   75.5   71.6   54.8   60.0   52.6   43.3   61.8   60.8   77.9   77.8   75.8   77.0   72.6   54.2   72.9   73.3   73.3   53.3   70.2   72.8   73.3		<u>.</u>
575   478   388   57.2   58.6   67.9   70.6   72.7   99.9   34.5   77.7   58.6   50.1   40.9   59.6   59.6   69.9   72.6   74.1   70.4   34.5   79.9   60.6   52.4   43.3   61.8   60.0   71.9   74.7   75.5   71.6   54.8   60.0   52.4   43.3   61.4   61.5   72.9   75.8   76.8   72.4   54.9   60.0   60.0   60.0   50.7   41.4   59.9   61.1   70.9   75.3   77.0   72.6   74.3   53.9   61.4   61.5   72.9   77.8   77.3   73.3   54.3   61.8   60.0   60.0   60.0   60.0   60.0   60.0   60.0   50.7   41.4   59.9   61.1   70.9   75.9   77.3   77.3   73.3   53.3   73.6   74.6   76.4   72.3   52.5   74.8   74.6   76.4   72.3   52.5   74.8   74.6   76.4   72.3   52.5   74.8		
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Table 15. Civilian employment-population ratios 1 by sex, race, and age, 1948-82—Continued

Ca	16 years	1	6 to 19 year	9		T	20 	years and o	ver	·	<b></b>
Sex, year, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 yea and ov
Women—Continued											
965	36.2	33.7	24.4	43.8	36.5	46,1	34.5	42.5	48.4	39.2	1 :
966	37.5	37 5	27.2	47.4	37.5	48.3	36.3	43.5	49.3	40.2	] (
967	38.3	37.7	28.2	47.1	38.3	49.9	37.8	44.7	49.4	41.0	ļ ·
968	36.9	37.8	28.5	47.4	39.1	50.8	39.0	46.0	50.3	41.1	
969	40.1	39.5	30.3	49.2	40.1	53.3	40.0	47.0	51.7	41.7	
970	40.3	39.5	31.0	46.5	40.4	53.7	40.9	47.7	51.9	41.5	
971	39.9	38.6	30.3	47.2	40.1	53.1	40.9	47.8	51. <b>5</b>	41.1	1
972	40.7	41.3	32.6	50.4	40.6	54.6	43.4	48.4	51.6	40.5	
973	41.8	43.6	35.1	52.4	41.6	57.4	46.2	50.3	51.7	39.6	ĺ
974	42.4	44.3	36.2	52.5	42.2	58.7	48.4	50.3 51.4	52.4	39.1	İ
075											
975		42.5	34.5	50.7	41.9	58.1	49.2	51.3	51.2	38.6	1
976		44,2	35.8	52.5	43.1	59.4	51.8	53.8	51.9	38.8	
977	44.5	45.9	37.4	54.2	44.4	61.5	54.6	55.8	52.6	38.9	
978	46.3	48.5	40,4	56.6	46.1	63.6	57.6	58.0	54.5	39.8	
979	47.5	49.4	41.1	57.5	47.3	65.0	59.5	60.3	55.9	40.2	
980	47.8	47.9	39.0	56.6	47.8	64.6	60.7	61.8	57.0	39.6	
981	48.3	46.2	37.6	54.4	48.5	65.0	62.1	63.0	58.3	39.4	
982	46.1	44.6	35.2	53.2	48.4	63.9	62.4	63.1	58.1	39.4	
BLACK											1
972	53.7	25.2	17.0	34.4	56.3	57.5	68.5	69.9	67.0	54.5	1
973	54.5	27.2	17.7	37.8	58.9	59.0	69.7	71.1	67.7	54.0	] 1
974	53.5	25.9	16.9	35.9	58.0	57.6	69.5	70.6	65.9	52.7	1.
975	50.1	23.1	16.0	31.1	54.5	50.0	65.8	67.5	63.0	50.9	1 1
976	50.8	22.4	14.6	30.8	55.4	51.8	67.7	69.0	63.8	50.1	1 1
977	51.4	22.3	14.4	30.9	56.0	51.8	68.5	70.4	65.1	50.5	1 1
978		25.2	16.3	34.5	58.0	54.7	71.1	72.6	66.4	52.0	1
979	53.8	25.4	17.5	33.9	58.1	55.7	70.8	72.7	67.1	50.6	1:
980	52.2	23.9	16.4	31.8	56.4	52.8	69.0	71.1	66.1	49.5	1
981	51.3	22.1	14.6	29.7	55.5	50.9	66.9	71.0	65.9	49.9	1
982	49.4	19.0	12.3	25.6	53.6	47.6	63.6	70.1	64.9	46.0	10
Men	}										
975	66.8	31.6	21.7	43.0	73.0	70.4	85.9	86.7	82.3	69.3	2
973	67.5	32.8	20.8	47.0	73.7	72.6	86.1	87.4	84.8	67.3	2
974	65.8	31.4	20.5	44.3	71.9	69.9	85.2	86.4	80.6	66.4	20
975	60.6	26.3	17.3	36.8	66.5	59.4	79.8	81.5	75.7	63.3	11
976	60.6	25.6	17.2	35.5	66.8	61.2	80.0	63.2	76.3	61.0	1
977	61.4	26.4	17.9	36.0	67.5	61.0	80.0	85.2	77.9	61.6	10
978	63.3	28.5	18.3	40.2	69.1	62.2	81.9	85.9	79.2	64.9	19
979	63.4	26.7	19.1	39.4	69.1	65.5	81.9	84.7	80.3	61.6	10
980	60.4	26.9	18.7	36.3	65.8	60.9	78.7	81.9	77.1	57.9	19
981	59.1	24.6	16.5	33.3	64.5	56.3	76.1	81.0	76.2	58.3	14
962	56.0	20.3	11.7	29.2	61.4	53.9	71.3	77.8	74.8	55.5	14
Women		ľ		1				I			
972	43.0	19.2	12.1	26.6	46.5	46.9	54.6	56.8	54.5	42.3	13
973	43.8	22.0	14.6	29.7	47.2	47.4	56.4	58.3	53.9	43.3	10
974	43.5	20.9	13.6	28.6	46.9	47.6	56.9	58.0	53.8	41.4	10
975	41.6	20.2	14.6	26.1	44.9	42.4	54.5	56.4	52.6	40.8	10
976	42.8	19.2	12.0	26.6	46.3	44.1	57.8	57.6	53.5	41.4	10
977	43.3	18.5	10.8	26.3	47.0	44.3	59.3	58.6	54.6	41.7	8
978	45.8	22.1	14.4	29.8	49.3	48.6	62.3	61.9	56.1	41.6	10
979	46.0	22.4	15.7	29.0	49.3	47.7	61.7	63.2	56.5	41.9	10
980	45.7	21.0	14.0	27.8	49.0	46.2	61.3	62.6	57.4	42.9	(
981	45.1	19.7	12.8	26.5	48.5	44.9	59.6	63.0	57.7	43.2	E
982	44.2	17.7	13.0	22.3	47.5	42.3	57.7	64.0	57.1	42.0	

 $<sup>^{\</sup>rm t}$  Civilian employment as a percent of the civilian noninstitutional population.



Table 16. Employed civilians by sex, race, Hispanic origin, and occupation, 1958-82 [Numbers in thousands]

			White-co	llar worl	kers			Blu	e-collar	worker	S		Serv	ice worl		Far	rm work :	ers
				Man-		Ī	Ī		0	perative	8	:	1				· Ecer	Ea
Year	Total em- ployed	Total	Professional and technical	agers and admin- istra- tors, except farm	Sales work- ers	Cleri- cal work- ers	Total	Craft and kin- dred work- ers	Total	Ex- cept trans- port	Trans- port equip- ment	Non- farm   labor- ers	Total	Pri- vate house- hold work- ers	Other serv- ice work- ers	Total	Farmers ers and farm man- agers	Farm labor ers and super visor
	<b>-</b>								Total								••·	<b></b>
958	63.036	26,837	6,952	6,785	3,985	9,115	23,348	8,463	11,402	(¹)	(¹)	3,483	7,487	1,969	5,518	5,361	3,079	2,28
959	64,630	27,593	7,140	6,936	4,210		23,993	8,554	11,816	(1)		3,623	7,697	1,948	5,749	5,344	3,013	2,33
960	65,777	28,516	7,474	7,067	4,216	9,759	24,067	8,560	11,950	(¹)	(¹)	3,557	8,031		6.051		2,781	2,38
961	65,746	28,888	7,6 <b>98</b>	7,120		9,638	23,683		11,718	(1)	(1)			2,035		4,913	2,706	2,20
<b>96</b> 2		29,634	8,030	7,408		10,079	24,052	8,668		(1)	(1)				6,360 6,642			1,97
<b>96</b> 3		29,949	8,258	7,293		10,250	24,775	8,915		(1)	(1)	3,396 3,480			6,852		1 -	1,89
964	69,305	30,861	8,542	7,449	4,236	10,634	25,339	8,979	12,800	(1)	(1)				1			
965	71,088	31,852	8,872	7,340		11,141	26,247	9,216	13,345	(¹)		3,686			6,980	1 -	2,238	1,81
966	72,895	33,068	9,310	7,405		11,812	26,950		13,829	(1)	(1)		9,212		7,308	3,666		1,57
967	74,372	34,232	9,879	7,495		12,333	27,261		13,884	(1)		3,533			7,556			1,58
68	75,920	35,551	10,325	7,776		12,803	27,525			(1)	(1)		9,381		7,656			1,50
969	77,902	36,884	10,769	7,987	4,692	13,397	<b>28</b> ,237	10,193	14,372	(1)	(')	3,672	9,528	3,631	7,897	3,292	1,044	1,44
70	78,678	38,024	11,149	8,295	4.857	13,723	27,807	10,164	13,916	(1)	(י)	3,728	9,719	1,559	6,160	3,127	1,753	1,37
971		38,382	11,114	8,702		13,489	27,263			(1)	(1)	4,036	10,709	1,489	9,220	3,012	1,667	1,34
72		39,330	11,538	8,081		14,329	28,721				3,223	4,242	11,026	1,442	9,584	3,077	1,690	
973		40,732	11,891	8.715		14,667	30,079				3,317	4,348	11,215	1,360	9,855	3,039	1,667	1,37
74		42,192	12,488	9,034	5,472	15,199	30,051	11,586	14,038	10,719	3,319	4,427	11,487	1,237	10.250	3,064	1,647	1,4
975	85,846	42,788	12,934	9,006	5,528	15,321	28,303	11,107	13,003	9,751					10,617	2.955	1,597	1,3
76			13,550	9,452	5,578	15,788	29,364	11,439	13,532	10,221	3,310	4,394	12,174				1,519	
77	92,017		13,949			16,372	30,683								111,414	2,783	1,465	1,3
978	96,048		14,538	10,286		17,207	32,068	12,599	14,848	11,055			13,062		11,882	1 2,829	1,487	1,34
979	98,824	50,334	15,378	10,719	6,284	17,953	32,669	13,119	14,782	11,111	3,671	4,768	13,084 !	. 1,109 !	11,976	1 2,/3/	1,454	1,20
980	99,303	51,882	15,968	11,138	1	18,473	31,452	12,787	14,096	10,565		4,567	13,228				1,493	
981 982	.100,397 . 99,526			11,540		18,564 18,446	31,261 29,597	12,682	14,016	9.429		4.518	113,736	1,042	12,694	; 2,723	1,485  - 1,452	1,2
502	. 38,320		10,001	11,400	10,000	1.0,		<del></del>	ent dist	1	l	l		1	•	ì		1
	<b>\</b>		<del></del> -		Ţ- <del></del>	<del></del>	<u></u>	<del>, · · ·</del>	· ·	Ţ · -	i	!	1	3 2	8.8	8 5	5 49	3
958				10.8		1	37.0						11.9					
959	. 100.0	42.7	110	10.7	6.5	14.4	37.1	13.2	18.3	(1)	(')	; 5.0	11.8	. 30	03	0.5	•	1
960	100.0	43.4	11.4	10.7	6.4	14.8	36.6	13.0	18.2	(1)	(¹)	5 4						
		40.0		10.8	6.4	1								' 3.1		7.5		
	100.0	43.9	117	1 10.0	1 0.4	15.0	36.0	13.1	17.8	(¹)	(')	5.1						) i - 3
961		,		T		i -	36.0 36.1	13.0	18.0	(¹)	(¹)	5 1	12.6	3 0	95		_	
961 962	. 100.0	44.4	12.0 12.2	11.1 10.8	6.2	15.1	36.1 36.6	13.0 13.2	18.0 18.4	(¹)	· (¹)	5 1 5 0	12.6 12.8	30	9 5 9 8	· 64	1. 35	i i
961 962 963	. 100.0 . 100.0	44.4 44.2	12.0 12.2	11.1 10.8	6.2 6.1	15.1 15.1	36.1 36.6	13.0 13.2	18.0 18.4	(¹) (¹)	· (¹)	5 1 5 0	12.6 12.8	30	9 5 9 8	· 64	1. 35	i i
961 962 963 964	100.0 100.0 100.0	44.4 44.2 44.5	12.0 12.2 12.3	11.1 10.8 10.7	6.2 6.1 6.1	15.1 15.1 15.3	36.1 36.6 36.6	13.0 13.2 13.0	18.0 18.4 18.6	(1) (1) (1) (1)	· (¹)	5 1 5 0 5.0	12.6 12.8 12.8	30	95 98 99	6.4 6.1 6.7	3 5 3 3 3 7 3 1	
961 962 963 964	100.0 100.0 100.0	44.4 44.2 44.5	12.0 12.2 12.3	11.1 10.8 10.7	6.2 6.1 6.1 6.3	15.1 15.1 15.3 15.7	36.1 36.6 36.6 36.9	13.0 13.2 13.0 13.0	18.0 18.4 18.6	(¹) (¹) (¹)	(1)	5 1 5 0 5 0	12.6 12.8 12.8 12.8	300 300 29	95 98 99 99	6.4 6.1 6.7	3 5 3 3 3 7 3 1 2 2.9	
9619629639649659666	100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4	12.0 12.2 12.3 12.5 12.8	11.1 10.8 10.7 10.3 10.2	6.2 6.1 6.1 6.3 6.2	15.1 15.1 15.3 15.7 16.2	36.1 36.6 36.6 36.9 37.0	13.0 13.2 13.0 13.0 13.2	18.0 18.4 18.6 18.8	(1) (1) (1) (1) (1)	(1) (1) (1) (1) (1) (1)	5 1 5 0 5 0 5 2 4 .8 4 8	12.6 12.8 12.8 12.6 12.6 12.5	3 0 3 0 2 9 2 8 2 6	95 98 99 99 100	6 4 6 6 7 6 5 0 2 4 8	3 5 3 3 3 7 3 1 2 2 9 3 2 6	
9619629639849659666967	100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0	12.0 12.2 12.3 12.3 12.5 12.8 13.3	11.1 10.8 10.7 10.3 10.2 10.1	6.2 6.1 6.1 6.3 6.2 6.1	15.1 15.1 15.3 15.7 16.2 16.6	36.1 36.6 36.6 36.9 37.0 36.7	13.0 13.2 13.0 13.0 13.2 13.2	18.0 18.4 18.6 18.8 19.0 18.7	(1) (2) (3) (4) (4) (4) (4)	(1) (1) (2) (3) (4) (4) (4) (5)	5 1 5 0 5 0 5 2 4 .8 4 8 4 7	12.6 12.8 12.8 12.6 12.6 12.5	3 0 3 0 2 9 2 6 2 6 4 2 3	95 98 99 99 100 102	6.4 6.1 6.7 6.7 5.0 2.4.8 4.6	3 5 3 3 3 7 3 1 2 2 9 3 2 6 5 2 5	
961962963984965966967968	100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8	12.0 12.2 12.3 12.5 12.8 13.3 13.6	11.1 10.8 10.7 10.3 10.2 10.1 10.2	6.2 6.1 6.1 6.3 6.2 6.1 6.1	15.1 15.3 15.7 16.2 16.6 16.9	36.1 36.6 36.6 36.9 37.0 36.7 36.3	13.0 13.2 13.0 13.0 13.2 13.2 13.2	18.0 18.4 18.6 18.8 19.0 18.7 18.4	(1) (2) (3) (4) (4) (5) (6) (7) (6) (7)	(1) (1) (2) (3) (4) (4) (4) (4)	5 1 5 0 5 0 5 2 4 .8 4 8 4 7	12.6 12.8 12.8 12.6 12.6 12.5	3 0 3 0 2 9 2 6 2 6 4 2 3	95 98 99 99 100 102	6 4 6 6 7 6 7 7 5 0 8 4 8 1 4 6	3 5 3 3 3 7 3 1 2 2 9 3 2 6 5 2 5	
961 962 963 964 965 966 967 968 969	100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3	12.0 12.2 12.3 12.3 12.5 12.8 13.3 13.6	11.1 10.8 10.7 10.3 10.2 10 1 10.2 10.2	6.2 6.1 6.3 6.2 6.1 6.1 6.0	15.1 15.3 15.7 16.2 16.6 16.9	36.1 36.6 36.8 36.9 37.0 36.7 36.3 36.2	13.0 13.2 13.0 13.2 13.2 13.2 13.1	18.0 18.4 18.6 18.8 19.0 18.7 18.4 18.4		(1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	5 1 5 0 5 0 5 2 4 .8 4 8 4 7 4 .7	12.6 12.8 12.8 12.6 12.6 12.5 12.4 12.2	3 0 3 0 2 9 2 6 2 4 2 3 2 1	9 5 9 8 9 9 9 3 9 8 6 10 0 10 1 10 1	6.4 6.1 6.7 5.0 2.4.8 4.6 4.2 4.4	3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
961962963964965966967968969969	100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3	12.0 12.2 12.3 12.3 12.5 12.8 13.3 13.6 13.8	11.1 10.8 10.7 10.3 10.2 10.1 10.2 10.2 10.2	6.2 6.1 6.3 6.2 6.1 6.1 6.0 6.2	15.1 15.3 15.7 16.2 16.6 16.9 17.2	36.1 36.6 36.6 36.9 37.0 36.7 36.3 36.2 35.3 34.4	13.0 13.2 13.0 13.2 13.2 13.2 13.1 12.9 12.9	18.0 18.4 18.6 18.8 19.0 18.7 18.4 18.4 17.7 16.4	(*) (*) (*) (*) (*) (*) (*) (*) (*) (*)		5 1 5 0 5 0 5 0 4 8 4 8 4 7 4 7 5 1	12.6 12.8 12.8 12.6 12.5 12.4 12.2	300 300 299 261 242 2321	9 5 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6.4 6.1 6.1 6.1 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
961 962 963 965 966 967 968 969 970 971 972	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3 48.3 48.3	12.0 12.2 12.3 12.5 12.8 13.6 13.6 13.8	11.1 10.8 10.7 10.3 10.2 10.1 10.2 10.2 10.2 10.5 11.0 9.8	6.2 6.1 6.1 6.3 6.2 6.1 6.1 6.0 6.2 6.4 6.6	15.1 15.3 15.7 16.2 16.6 16.9 17.2 17.4 17.0	36.1 36.6 36.9 37.0 36.7 36.3 36.2 35.3 34.4 35.0	13.0 13.2 13.0 13.0 13.2 13.2 13.1 12.9 12.9 13.2	18.0 18.4 18.6 18.6 19.0 18.7 18.4 18.4 17.7 16.4 16.6	(1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	(1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	51 50 50 52 4.8 4.8 4.7 4.7 51 52	12.6 12.8 12.8 12.6 12.6 12.5 12.4 12.2 12.4 13.5	3 0 3 0 3 0 2 9 2 6 1 2 4 2 3 2 1 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	9 5 9 8 9 9 9 9 9 10 10 10 10 11 6 9 11 6 9 11 7 6 9 11 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	6.4 6.1 6.1 6.1 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6.7	3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
961	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3 48.3 47.8	12.0 12.2 12.3 12.3 12.8 13.6 13.8 14.2 14.0	11.1 10.8 10.7 10.3 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2	6.2 6.1 6.1 6.3 6.2 6.1 6.1 6.0 6.2 6.4 6.6	15.1 15.1 15.3 15.7 16.2 16.6 16.9 17.2 17.4 17.0	36.1 36.6 36.6 36.9 37.0 36.7 36.3 36.2 35.3 34.4 35.0 34.4	13.0 13.2 13.0 13.0 13.2 13.2 13.1 12.9 12.9 13.2 13.1	18.0 18.4 18.6 18.6 19.0 18.7 18.4 18.4 18.4 16.6 16.9	(1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	(1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	51 50 50 52 4.8 4.8 4.7 4.7 51 52 51	12.6 12.8 12.8 12.6 12.6 12.5 12.4 13.5 13.4	3 0 3 0 3 0 2 9 2 6 1 2 4 4 2 2 3 2 1 1 8 1 6 6 1 6 6 6 6 6 6 6 6 6 6 6 6 6	9 5 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6 4 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
961 962 963 965 966 967 968 970 971 972 973	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3 48.3 47.8	12.0 12.2 12.3 12.3 12.8 13.3 13.6 13.8 14.2 14.0	11.1 10.8 10.7 10.3 10.2 10.1 10.2 10.2 10.5 11.0 9.8	6.2 6.1 6.1 6.3 6.2 6.1 6.1 6.0 6.2 6.4 6.6 6.4	15.1 15.1 15.3 15.7 16.2 16.6 16.9 17.2 17.4 17.0	36.1 36.6 36.6 36.9 37.0 36.7 36.3 36.2 35.3 34.4 35.0 34.4	13.0 13.2 13.0 13.0 13.2 13.2 13.2 13.1 12.9 13.2 13.3 13.4	18.0 18.4 18.6 18.6 19.0 18.7 18.4 18.4 18.4 16.6 16.9	(1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	(1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	51 50 50 52 4.8 4.8 4.7 4.7 51 52 51	12.6 12.8 12.8 12.6 12.6 12.5 12.4 13.5 13.4 13.2	3 0 3 0 3 0 2 9 2 6 1 2 4 4 2 2 3 2 1 1 8 1 6 6 1 6 6 6 6 6 6 6 6 6 6 6 6 6	9 5 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6 4 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
961	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3 48.3 47.8 47.8 48.8	12.0 12.2 12.3 12.3 12.5 12.8 13.3 13.6 14.2 14.0 14.0	11.1 10.8 10.7 10.3 10.2 10.1 10.2 10.2 10.2 10.5 11.0 9.8 10.2	6.2 6.1 6.1 6.2 6.1 6.2 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	15.1 15.1 15.3 15.7 16.2 16.6 16.9 17.2 17.4 17.2 17.5	36.1 36.6 36.6 36.9 37.0 36.7 36.3 36.2 35.3 34.4 35.0 34.4	13.0 13.2 13.0 13.0 13.2 13.2 13.1 12.9 12.9 13.2 13.1	18.0 18.4 18.6 19.0 18.7 18.4 18.4 17.7 16.6 16.9 16.2	(1) (2) (3) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	5 1 5 0 5 0 5 0 5 0 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	12.6 12.8 12.8 12.6 12.6 12.5 12.4 12.2 13.5 13.4 13.2	3 0 3 0 3 0 2 9 2 8 2 6 1 2 4 4 2 3 2 1 1 5 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	9 5 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
961	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3 48.3 47.8 47.8 48.6	12.0 12.2 12.3 12.3 12.5 12.8 13.3 13.6 14.0 14.0 14.0	11.1 10.8 10.7 10.3 10.2 10.1 10.2 10.2 10.5 10.5 10.2 10.5 10.2 10.4	6.2 6.1 6.3 6.2 6.1 6.1 6.0 6.2 6.4 6.6 6.4 6.3	15.1 15.1 15.3 15.7 16.2 16.6 16.9 17.2 17.4 17.2 17.5	36.1 36.6 36.6 36.9 37.0 36.7 36.3 36.2 35.3 34.4 35.0 34.6	13.0 13.2 13.0 13.0 13.2 13.2 13.1 12.9 13.2 13.1 12.9 13.4	18.0 18.4 18.6 19.0 18.7 18.4 18.4 17.7 16.6 16.9 16.2 15.2	(1) (2) (3) (4) (4) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	5 1 5 0 5 0 5 0 5 0 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	12.6 12.8 12.8 12.6 12.6 12.5 12.4 12.2 13.5 13.4 13.2 13.2	3 0 3 0 3 0 3 0 2 9 8 2 6 6 1 2 4 4 2 3 2 1 1 1 6 1 4 4 1 3 1 4 1 3 1 4 1 3 1 6 1 1 4 1 3 1 1 4 1 3 1 1 4 1 3 1 1 1 1 1	9 5 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
961	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3 48.3 47.8 47.8 48.6 47.8 48.6	12.0 12.2 12.3 12.3 12.8 13.3 13.6 14.0 14.0 14.0 14.0 14.4	11.1 10.8 10.7 10.3 10.2 10.1 10.2 10.2 10.2 10.2 10.2 10.4 10.4 10.5 10.6 10.6 10.7	6.2 6.1 6.3 6.2 6.1 6.0 6.2 6.4 6.6 6.4 6.3	15.1 15.1 15.3 15.7 16.2 16.6 16.9 17.2 17.4 17.2 17.5 17.8 17.8	36.1 36.6 36.9 37.0 36.7 36.3 36.2 35.3 34.4 35.0 34.4 34.6	13.0 13.2 13.0 13.2 13.2 13.1 12.9 13.2 13.1 12.9 13.4 13.4	18.0 18.4 18.8 19.0 18.7 16.4 18.4 18.4 18.4 17.7 16.6 16.9 16.2 15.3 15.3	(1) (2) (3) (4) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	51 50 50 52 4.88 4.77 4.77 4.77 5.11 5.12 5.13 5.13 5.13 5.13 5.13 5.13 5.13 5.13	12.6 12.8 12.8 12.6 12.6 12.5 12.5 12.5 12.5 12.3 13.5 13.3 13.2 13.7	300 300 29 28 26 24 21 18 18 18 14 14 13	9 5 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
961	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3 48.3 47.8 47.8 47.8 47.8 50.0 49.9 50.0 50.0	12.0 12.2 12.3 12.3 13.6 13.8 13.8 14.0 14.0 14.0 14.0 15.0 15.1	11.1 10.8 10.7 10.3 10.2 10.1 10.2 10.2 10.2 10.2 10.2 10.2	6.2 6.1 6.3 6.2 6.1 6.0 6.2 6.4 6.6 6.3 6.4 6.3 6.3 6.4 6.3 6.4 6.3 6.3 6.4 6.3 6.3 6.4 6.4 6.3 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	15.1 15.1 15.3 15.7 16.2 16.9 17.2 17.4 17.0 17.4 17.5 17.8 17.6 17.8	36.1 36.6 36.6 37.9 37.0 36.7 36.3 36.2 35.3 34.4 35.0 34.4 34.6 33.0 33.1	13.0 13.2 13.0 13.2 13.2 13.1 12.9 13.2 13.1 12.9 13.4 13.4 12.9 13.4	18.0 18.4 18.8 19.0 18.7 16.4 18.4 18.4 18.4 16.9 16.9 15.2 15.3 15.3	(1) (2) (3) (4) (4) (4) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	51 50 50 50 50 50 50 50 50 50 50 50 50 50	12.6 12.8 12.8 12.6 12.5 12.5 12.5 12.5 12.5 13.5 13.5 13.7 13.7 13.7	300 300 29 28 26 24 21 18 16 14 13 13 13	9 5 9 8 9 9 9 9 9 9 10 0 10 10 10 10 10 11 6 11 6	6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	33 33 33 33 33 33 33 33 33 33 33 33 33
961	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3 48.3 47.8 47.8 49.8 50.0 49.9 50.0	12.0 12.2 12.3 12.3 13.6 13.8 13.8 14.0 14.0 14.0 14.0 15.0 15.1	11.1 10.8 10.7 10.3 10.2 10.1 10.2 10.2 10.2 10.2 10.2 10.2	6.2 6.1 6.3 6.2 6.1 6.0 6.2 6.4 6.6 6.3 6.4 6.3 6.3 6.4 6.3 6.4 6.3 6.3 6.4 6.3 6.3 6.4 6.4 6.3 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	15.1 15.1 15.3 15.7 16.2 16.9 17.2 17.4 17.0 17.4 17.5 17.8 17.6 17.8	36.1 36.6 36.6 37.9 37.0 36.7 36.3 36.2 35.3 34.4 35.0 34.4 34.6 33.0 33.1	13.0 13.2 13.0 13.2 13.2 13.1 12.9 13.2 13.1 12.9 13.4 13.4	18.0 18.4 18.8 19.0 18.7 16.4 18.4 18.4 18.4 16.9 16.9 15.2 15.3 15.3	(1) (2) (3) (4) (4) (4) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	51 50 50 50 50 50 50 50 50 50 50 50 50 50	12.6 12.8 12.8 12.6 12.5 12.5 12.5 12.5 12.5 13.5 13.5 13.7 13.7 13.7	300 300 29 28 26 24 21 18 16 14 13 13 13	9 5 9 8 9 9 9 9 9 9 10 0 10 10 10 10 10 11 6 11 6	6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	33 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
961	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3 48.3 47.8 47.8 49.8 50.0 50.0 50.0 50.0 50.0 50.0	12.0 12.2 12.3 12.5 12.8 13.6 13.8 14.0 14.0 14.0 14.0 15.2 15.1 15.1 15.2 15.1 15.5	11.1 10.8 10.7 10.3 10.2 10.1 10.2 10.2 10.5 10.5 10.6 10.6 10.6 10.6 10.6 10.6	6.2 6.1 6.3 6.2 6.1 6.1 6.0 6.4 6.3 6.4 6.3 6.4 6.3 6.4 6.3 6.4 6.3 6.4 6.3 6.3 6.4 6.3 6.3 6.4 6.3 6.3 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4 6.4	15.1 15.1 15.3 15.7 16.2 16.6 16.9 17.2 17.4 17.0 17.4 17.5 17.8 17.6 17.8 17.9 16.2	36.1 36.6 36.6 36.9 37.0 36.7 36.3 36.2 35.3 34.4 35.0 34.4 34.6 33.1 33.1 33.1	13.0 13.2 13.0 13.2 13.2 13.2 13.1 12.9 13.4 13.4 13.4 13.4 13.4 13.5 13.1 13.5 13.1 13.5 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6	18.0 18.4 18.8 19.0 18.7 18.4 18.4 17.7 16.4 16.9 15.2 15.3 15.3 15.0 14.2	(1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	51 50 50 52 48 48 47 47 51 51 52 51 51 52 48 47 51 52 48 48 47 51 51 51 51 51 51 51 51 51 51 51 51 51	12.6 12.8 12.8 12.6 12.6 12.5 12.4 13.5 13.4 13.7 13.7 13.7 13.7 13.7 13.7 13.7 13.7	2 9 9 2 9 2 9 2 9 9 1 9 9 1 9 9 1 9 9 9 9	9 5 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6 4 4 6 6 1 4 2 6 6 3 8 6 7 3 8 6 3 5 5 3 6 3 6 3 6 3 6 3 6 3 6 4 4 3 2 6 4 4 3 2 6 4 4 3 2 6 4 3 2 6 4 4 3 2 6 4 4 3 2 6 4 4 3 2 6 4 4 3 2 6 4 4 3 2 6 4 4 4 4 3 2 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	333333333333333333333333333333333333333
961	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	44.4 44.2 44.5 44.8 45.4 46.0 46.8 47.3 48.3 47.8 47.8 49.8 50.0 50.0 50.0 50.0 50.0 50.0	12.0 12.2 12.3 12.5 12.8 13.8 13.8 14.2 14.0 14.0 14.0 15.2 15.1 15.1 15.2 16.1 16.4	11.1 10.8 10.7 10.3 10.2 10.1 10.2 10.2 10.5 11.0 9.8 10.2 10.5 10.6 10.7 10.7 10.7 10.7	6.2 6.1 6.3 6.2 6.1 6.1 6.0 6.4 6.3 6.4 6.3 6.4 6.3 6.4 6.3 6.4 6.3 6.4 6.3 6.4 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	15.1 15.1 15.3 15.7 16.2 16.6 16.9 17.2 17.4 17.0 17.4 17.8 17.8 17.8 17.8 17.8 17.8 17.8 17.8	36.1 36.6 36.6 36.9 37.0 36.7 36.3 36.2 35.3 34.4 35.0 34.4 33.1 33.4 33.1	13.0 13.2 13.0 13.2 13.2 13.2 13.1 12.9 13.4 13.4 13.4 13.4 13.4 13.5 13.1 13.5 13.1 13.5 13.6 13.6 13.6 13.6 13.6 13.6 13.6 13.6	18.0 18.4 18.8 19.0 18.7 18.4 18.4 17.7 16.4 16.9 15.3 15.3 15.3 15.3 15.3 14.3 14.4	(1) (2) (3) (4) (4) (4) (5) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	51 50 50 52 4.8 4.7 4.7 51 52 51 51 51 52 4.8 4.7 51 51 51 51 51 51 51 51 51 51 51 51 51	12.6 12.8 12.8 12.6 12.6 12.5 12.4 13.5 13.7 13.7 13.7 13.7 13.7 13.7 13.7 13.7	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	9 5 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6 4 4 6 6 1 4 2 6 6 3 6 6 6 7 3 6 6 3 6 6 3 6 6 7 3 6 6 3 6 6 7 3 6 6 3 6 6 7 3 6 6 3 6 6 7 3 6 6 3 6 6 7 3 6 6 7 3 6 6 7 3 6 6 7 3 6 6 7 3 6 6 7 3 6 7 6 7	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	333333333333333333333333333333333333333



Table 16. Employed civilians by sex, race, Hispanic origin, and occupation, 1958-82—Continued [Numbers in thousands]

			j 	White-co	ollar wo	rkers	<b>,</b>	ļ 	BI	ue-colla	r worke	ors.	<b>,</b>	Ser	vice wor	kers	Fa	rm work	(ers
Year		Total em- ployed	Total	techni-	Man- agers and admin- istra- tors,	Sales work- ers	Cleri- cal work- ers	Total	Craft and kin- dred work-	Total	Ex- cept trans-	Trans	: labor-	Total	Pri- vate house- hold work-	Other serv- ice work-	Total	Farm- ers and farm man-	Farn labor ers and super
	ļ			Cal	except	!		:	ers		port			: : :	ers	ers		agers	
			* =		<b>-</b>	<b></b>	· · · · · · · · · · · · · · · · · · ·	<b>*</b>	<b>+</b>	Men	<del></del>	<del></del>	<b></b>	<b></b>	4				•
958 959				4,416 4,582	5,751 5,858	2.409 2.549	2,909 2,985	19,833 20,422		8,215 8,558	(¹) (¹)		3,381 3,523	1 -			4,392 4,335	2,957 2,894	1,43
960		43,904	16,409	4,768		2,535	) !			8,662	(1)	(')	<b>i</b> [	2,851	33	2,818		2,670	1,536
961				4,952	6,002	2,553	3,110			8,401	(1)			2,906	44	2,862		2,578	1,48
962			17,006	5,170	6,275	2,435				8,623	(1)	(1)		2,980	46	2,934			1,36
963 964		44,657 45,474	17,059 17,480	5,30 <del>9</del> 5,435	6,180 6,341	1	3,117 3,198	20,956 21,360	8,675 8,731	8,974 9,237	(¹) (¹)	(1)	3,307 3,3 <b>9</b> 2	3,095 3,1 <b>9</b> 9	44 46	3,051 3,153	3,547 3,434		1,29
	į			·	·	·					•	` '			40	0,100	0,404	2,101	1,23
965 966	!	46,340		5,596	6,230		3,279			9,581	(1)	(1)		3,194	40	3,154	3,295		1,18
967			18,094 18,527	5,83 <b>6</b> 6,183	6,238 6,318	2,672 2,622	3,348 3,406	22,514 22,683		9,756 9,706	(1)		3,424 3,417	3,319	43	3,276	2,990	1,968	1,022
968				6,449	6,535		3,409	22,812	9,696	9.687	(¹) (¹)	(1)	3,429	3,334 3,308	33 <b>3</b> 5	3,301	2,936 2,878	1,872 1,844	1,060
969			19,574	6,751		2,675		23,263	9,854	9,883	(1)	(1)		3,257	39	3,218		1,764	95
270	!	40 000	20.067	0.047	6070	0.705	2.400	00.000	0.000	0.040	415		0.504	0.000					
970 971		40,970	20,067	6,847   6,763	6,972 7,200	2,765		23,033 22, <b>64</b> 3			(1)	(1)		-	40	3,247	2,602	1,673	929
972		50 896	20,291	7,004	6,655	3,143	3,318 3,488	23,918		9,038 9,468	(¹) 6,380	3 OBB	3,784 3,972	4,048 4,154	37 34	4,007 4,112	2,498 2,533	1,581 1,590	911 943
973			20,872	7,134	7.103									- 1	23	4,123		1,563	96
74		53,924	21,374	7,436	7,355	3,183		24,806			6,520		4,068		27	4,224	2,577	1,548	1,030
975	:	51,857	21,405	7 502	7.241	2 175	2 200	23,498	10 500	0.070	8 00a	2 067	4 820	4 464	21	4.412	2.402	4.408	99
976				7,352		3,185			The state of the s		6,003 6,217	3,0 <del>6</del> 7	0,829 3,984	4,461 4,695	31 31	. ,	2,492 2,385		956
977	<b>, ,</b> . <b></b>	54.728	22,384	6,010	7,621						6.353			4,799	36	4,737		1,372	93
978		56,479	23,061	8,338	7,869	3,345		26,203					4,320		28		2,317		96
979, .		57,607	23,766	6,727	8,071	3,451	3,537	26,346	12,367	10,049	6,678	3,372	4,229	4,931	27	4,671	2,245	1,313	932
960		57,186	24.260	8,904	8.219	3,450	3,687	25,842	12018	9 581	6 334	3 248	4,040	5,036	27	4,973	2,250	1,335	914
98 1		57,397	24,606	9,100		3,509		433					4,059		38	5.059		1,317	943
982				9,302	8,273	3,595		24,063					3,990	5,234	33	5,202	2,246	1,280	96
		•	•	•						i Int distri	bution	i	L		· - · ·			L	·
958		100 0	36 5	10.4	13.6	5.7	6.8	48.8	19.4	10.3	(¹)	(¹)	80	8.4	0.1	83	10.3	7.0	3.4
959		100 0			13.5				19.2		(1)				.1		10.0		3.3
200	:	400.5		i	!	ŀ	i	Γ.	i	i		:		į	ŀ	_	į		
960 961,	:	100 0	37.4	10.9	13.6;	ſ	7.1	46.6	19.0	i	(¹) (		7.9		.1	6.4	9.6	6.1	3.5
962		100 0	38.1 38.5	11.3 ¦ 11.7 ∣	13.7 14.2	5.8 5.5	7.1   7.1	46.0 ; 46.1 :		19 2 19 5	(1) (1)		7.5 7.5	6.7 <sup>1</sup> 6.71	,	6.6 6.6	9.3 8.6	5.9 5.6	3.6 3.8
63		100.0	38.2	11.9		5.5			19.4		(1)		7.4	6.9		6.8	7.9	5.1	2.6
964		100.0	38.4	12.0		5.5		47.0	19.2			(1)	7.5	7.0		6.9	7.6	4.8	2.1
<del>165</del>	•	100.0	36 3	12.1	13.4	5.7	7.1	47.7	10.3	20.7	(1)	(1)		8 n :	: • 1		7.	4.5	2.7
966		100.0	36.6	12.1		3.7	7.1 ; 7.1 ;		19.3 19.9	20.7 20.8	(¹) [	(¹) (¹)		6.9 ; 7 1 ;	.1 ¦ .1 ¦	6.6 7.0	7.1 6.4	4.5 4.2	2.7 2.2
67		20.0	39.0	13 0	13.3	5.5			20.1	20.4				7.0	1	7.0	6.2	3.9	2.2
68		100 0	39.7	13.4		5.7:		47 4	20.2			(1)		6.9	.1 [	6.8	6.0	38	2.
969	• • •	100 0	40.1	13 6	13.6	5.5	7.0	47.7	20.2	20.2	(¹) <sub>i</sub>	(¹) <sub>į</sub>	7.2	<b>6.7</b>	.1	6.6	5.6	3.6	2.0
970		100 0	410	140	14.2	5.6	7.1	47.0	20 1 <sup>i</sup>	19.6	(1)	(¹)	7 3 <sup>!</sup>	6.7	.1	6.6	5 3	3.4	1.8
971.		100 0	40 9	13.7		5 9	6.7	45.9			-iii	(6)				8.1	5.1!	,	1.8
		100 0	39 9	13 7	13 1	6.2	6.9	47.0	20 6	186	12 5	6.1 i		8.2	.1	6.1 <sup>i</sup>	5.0 i		1.8
973 174		100 0	39 B	13.6		6 1	66	47.4				6.0	7.7	79:	(²)	7.9	4.8		1.8
374 .		100 0	40 3	14 0	13.9	6.0	6.4	46.8 i	20.9	18.3	12.3	6.0	77	6.0	.1 i	8.0	4.9	2.9	1.8
75		100 0	413	146	140	6.1	65	45.3	20 4	17 5 <sup>1</sup>	116	5.9	7.4	8.6	.11	8.5	48	2.9	1.8
76		100 0	41 1	14.7	14.1	6.0	6.3	45.5				5 6	7.5	6.8	1	6.8	45	2.7	1.8
77		100 0	40 9	14 6	13.9	60	6.3	46.2		176	116	6.0	7 6	8.8	.11	8.7	4.2	2.5	1,7
76 70		100 0	40 B	14.7	_	59	62			17.7		5.9	7 6	6.7	(2) I	8.6	4.1	2.4	1.7
79		100 0	41.2	15.1	14 0	6.0	6.1	46 3:	21.5	175	11.6	5.9	7.3	8.5	(²) <sub>.</sub>	8.5	3 9	2.3	1.6
80		1000	42 4	15 <b>5</b>	14 4	60	6 4	44.6	21 0	16.6	11.1	5.7	7.0	8 8	(²) !	87	40	24	1.6
00						0.4		4.0	~~ 7										
181 182		100 <b>0</b> 100 <b>0</b>	42 9 43 9	15 9 16 <b>5</b>	14 6 14 7	6 1 6 4	63 63	,4 3 42 8	20.7 20.3	16 6 15.4	111 99	5.5 5.5	7 1 7 1	8.9 9.3	1	86 92	3 9 4.0	2.3 2.3	1.6 1.7



Table 16. Employed civilians by sex, race, Hispanic origin, and occupation, 1958-82—Continued [Numbers in thousands]

			White-co	ollar worl	kers			Blu	e-collar	worker	'S	l	Şerv	ice worl	kers	Far	m work	ers
				Man-					0	perative	8						_	_
Year	Total em- ployed	Total	Professional and technical	agers and admin- istra- tors, except farm	Sales work- ers	Cleri- cal work- ers	Total	Craft and kin- dred work- ers	Total	Ex- cept trans- port	Trans- port equip- ment	Non- farm labor- ers	Total	Pri- vate house- hold work- ers	Other serv- ice work- ers	Total	Farm- ers and farm man- agers	Farm labor ers and super visor
	<b>'</b>	<u></u>							Womer	1				_				
958	20,613	11,352	2,536	1,034		6,206	3,515	226	3,187	(1)	(1)	102	4,776	1,932		969	122	84
959	21,164	11,619	2,558	1,078	1,661	6,322	3,571	213		(1)		100	4,965	1,915	1	1,009	119	68
960	21,674	12,106	2,706	1,099	1,681	6,620	3.629	222		(1)	(1)	79	5,180	1,947		958	111	84
961		12,272	2,746	1,116		6,728	3,612	216		(1)	(1)	77 86	5,355 5,405	1,991 1,977	1	852 815	128	72 64
962 963	22,525 23,105	12,626	2,860 2,946	1,133	1,682 1,698	6,951 7,133	3, <b>68</b> 0 3,819	223 240	3,371 3,490	(¹)	(·)	89	5,576	1,985		817	131	66
763 164	23,831	12,690 13,381	3,107	1,108	1,730	7,133	3,982	250		(1)	6		5,694	1,995		776	132	64
965	24,748	14,106	3,276		1,858	7,862	4,140	269		(¹)	(1)	107	5,742	1,916		758	131	6
966		14,974	3,474	1,167		6,464	4,436	255	4,073	(1)	(1)	106	5,693	1,861		676		5
967	26,693	15,705	3,697	1,177		6,928	4,580	286	4,178	(1)	(1)	117	5,992	1,737		618		5
969 969	27,807 29,084	16,435 17,271	3,677 4,016	1,241		9,3 <del>94</del> 9,975	4,712 4,974	319 339		(1) (1)	(1)	126 146	6,072 6,271	1,669 1,592		587 569	82 79	
		17,957	4,302		1	10,240	4,774	332		(1)	(1)	136	6,432	1,519	1	525	80	4
970 971		18,181	4,351	1,501		10,167	4,620	389		(4)	(1)	252	6,661	1,452		515	1 11	4
972		19,038	4,534	1,425	-	10.840	4,803	390		4,008		270	6,672	1,408		544	1	4
973	32.715	19,860	4,757	1,612		11,232	5,283	468			165	303	7,058	1,337		516	103	4
974	33,769	20,617	5,052			11,797	5,246	518		4,201	169	359	7,221	1,210	6,011	486	96	3
975		21,382	5,341			11,923	4,805	509		3,748	185	363	7,339	1,152		463	103 92	
976		22,493	5,692			12,423	5,181	555		4,004	211	410	7,479 7,769	1,108 1,139		461 477	94	_
977		23,580	5,939			12,922	5,442			4,159	242	431	6,162	1,153		514		
978 979	1 -	25,029 26,549	6,200 6,651			13,699 14,416	5,865 6,022	710 752		4,392 4,433	1		6,154			•	,	
980	42,117	27,621	7,063	2,920	2,853	14,767	5,810	769	4,514	4,231	283	528	8,193				1	
981		28,341	7,319			14,938	5,828	802		4,190	1	1	8,342				1	
982	43,256	28,744	7,650	3,219	2,985	14,890	5,533	864		3,636	302	528	6,502	1,010	7,492	477	172	
			т		1			Perc	ent dist	ribution	1	т		T		Γ		
958 9 <b>59</b>	. 100.0	55.1 54.9	12.3 12.1							(1)	(¹)	0.5						1
960	1	55.3	12.4	5.0	7.7	16.6	15.2	1.0	15.2	(1)	(1)	.4	23.7	8.8	14.8	4.4	.5	3
961	100.0	55.6	1	1	1	1		1						9.0	15.2	3.9	.6	
962		56.1	1		į.		16.3	1	•		(1)	.4			1	L	i .	
963		55.8	12.8	4.8	7.3	30.9			1	(1)	(1)	.4	24.1			1		
964	. 100.0	56.1	13.0	4.6	7.3	31.2	16.7	1.0	15.3	(')	(1)	.4	23.9	8.4	15.5	3.3	.6	1
965	. 100.0	57.0	13.2	4.5	7.5	31.8	16.7	1.1			(1)				•		1	
966	. 100.0	57.6	13.4	4.5	•		1	1										
967							,	•	1		(1)							
1968 1969			•				1			1						1		
970	100.0	60.5	14.5	4.5	7.0	34.5	16.1	1.1			(')			1 .				
971	100.0	T .	1				15.4			(1)		.8			. i	-		
972	100.0	1						1					22.0		!			
973																,		
974	100.0	61.6	14.9	4.9	6.8	34.9	15.5	1.5	13.0	12.5	.5	1.1	21.4			ì		
975		•	1	1						1	_		21.6					
1976	100.0		1			1				•						1		
1977	1						1	1		1							. 1	3
		1 .		1			1	1	•		1 _			1				
1978		64.4	16.1	64	6.9	35.0	14.6	1.8	11.5	10.0	'  ''	. 1.3	10.0		1 ''.	1.4	,,,,	1
978	100.0	•					;	•	1	1	j		ŀ	Į.	i	ĭ	. !	1
	. 100.0	65.6	16.8	I -	1							1.2		1				



Table 16. Employed civilians by sex, race, Hispanic origin, and occupation, 1958-82—Continued [Numbers in thousands]

•	· ,		White-co	ollar wor	kers		1	, Bl	ue-colla	r worke	76		Sen	rice worl	kers	Fai	rm work	ers
Year .	Total em- ployed		Professional and technical	istra.	Sales work- ers	Cleri- cal work- ers	Total	Craft and kin- dred work- ers		trans-	Trans- port equip- ment	Non- farm labor- ers	Total	Pri- vate house- hold work- ers	Other serv- ice work- ers	Total	Farmers and farm man- agers	labo ers and supe
									White									
958 959					3,907	8,725	20,734						5,385				2,839 2,781	-
į	l .		Ť				21,265	ł		:	. !		5,585				!	!
960 961	1				_ 1		21,277		10,536			2,602	5,827 8,020				2,557 2,504	1
962							21 260		10,586				8,088		-		2,392	
963	60.622	28.681	7.821				21,922					2,480					2,221	
<del>)6</del> 4	61,922	29,477	8,043				22,344						6,512				2,168	
965			•	7,136					11,899		(1)	2,720	8,517				2,100	
66			8,759		4,403				12,047				6,740				1,963	
67							23,863		12,002	(1)		2,835		934			1.882	
)68 )69	89,518	34,647	9,685 10,074		4,489 4,527				12,023 12,368			2,681 2,795		947 917			1,828 1,759	
: :	70 216	35.859 !	10 379	7,996	4.677	12,607	24,241	9 4 7 1	  11,933	(¹)	(1)	2,861	7,518	906	6,612	2 798	1,665	1 1
71				8,353			23,883					3.163			7.500			1.1
72			10,885			13,062						3,383		856	7,794		1,835	1 '
73	75,708	37,780	10,945	8,322		13,272						3,452		836		2,779	1,604	1,17
74	77,185	39.069	11,459	8,630	5,247	13,734	26,211	10,685	11,949	9,125	2.824	3,578	9,101	760	8,341	2,803	1,581	1,2
75							24,794					· -		_ :	8,663		1,541	
76							25,665					3,581		715			1.472	1.1
)77 )78							26,836 27,966						10,423	789	9,299 9,834		1,426 1,434	1 -
79							28,462						10,423	739			1,413	
: ړ 080	87.715	47,267	14,444	10,512	5,963	16,350 <sup>:</sup>	27,327	1 11,683	11,864	. 8,884	2,984	3,778	10,593	706	9.888	2,527	:   1,453	1,0
81		48,147					27,191						10,814				1.450	
982	87,902	40,030	15,306	10,834	0,217		25,710	<b>.</b>	<del>.</del>	L i	2.002		11,036		10,306		1,421	i
!							. * ,		ent distr	,	-· - <sub>1</sub>	. ,	,					۲•
958	100 0 100 0	45 8 45.9		11.7 11.7	6.9	15.4 15.3	36.6	14.3	17.9 18.1	(¹) (¹)			9.5 9.6		7.7 ! 8.0 :		5.0 4.8	
•	•				į			:					· ·	:	•			
160 161	100 0	46.6 47.1	12 1 12 5	11.7 11.8		15.7 15.8	36.2 35.6		17.9 17.5		(¹) (¹)	4.4	9.9 10.2	1.7 <sup>:</sup> 1.8 <sup>:</sup>		7.4 7.0		•
								13.0									4.0	
me .	1001	4//		121.			45.5	13.8	177	• (1)		4 1 3			85	0.3		
	100 0 100 0	47 7 47 3	12 8 12 9	12 1 ; 11 7 ;	6.7 6.6	16.0 16.1	35.6° 36.2	13.8 13.9	17.7° 18.1°								3 7	. 2
63			12 9 13.0	117		16.1		13.9	18.1	(1)	(¹) <sub>!</sub>		10.4		8.8 8.8	6 1 5.8		_
63 64	100 0	47 3	129	117	66	16.1	36.2	13.9	18.1 18.4	(¹) (')	(1) (1)	4.1 4.1	10.4 10.5	1.7	8.8	6 1 5.8		. 2 !
63	100 0 100.0 100 0 100 0	47 3 47 6 47 9 48 3	12 9 13.0 13.2 13.5	11.7 11.7 11.2 11.1	6 6 6.6 6 9 6 8	16.1 16.3 16.6 17.0	36.2 36.1 36.4 38.4	13.9 13.7 13.7 13.8	18.1 18.4 18.4 18.5	(¹) (') (')	(¹); (¹); (¹);	4.1 4.1 4.3 4.0	10.4 10.5 10.3 10.4	1.7 ! 1.7 : 1.6 : 1.5 :	8.8 8.8 8.7 8.7	6 1 5 8 5 4 4 9	3.5 3.3 3.0	. 2
63	100 0 100.0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8	12 9 13.0 13.2 13.5 14.0	11.7 11.7 11.2 11.1 11.0	6 6 6 6 6 9 6 8 6 6	16.1 16.3 16.6 17.0	36.2 36.1 36.4 38.4 36.0	13.9 13.7 13.7 13.8 13.9	18.1 18.4 18.4 18.5 18.1	(1) (1) (1) (1)	(*) (*) (*) (*) (*)	4.1 4.1 4.3 4.0 4.0	10.4 10.5 10.3 10.4 10.5	1.7 ! 1.7 ! 1.6 ! 1.5 !	8.8 8.8 8.7 8.9 9.1	6 1 5 8 5 4 4 9 4 7	3.5 3.3 3.0 2.8	2 2 2 1 2 1
63	100 0 100.0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3	12 9 13.0 13.2 13.5	11.7 11.7 11.2 11.1	66 66 69 68 66	16.1 16.3 16.6 17.0 17.2 17.5	36.2 36.1 36.4 38.4 36.0 35.5	13.9 13.7 13.7 13.8 13.9 13.8	18.1 18.4 18.4 18.5	(*) (*) (*) (*) (*) (*)	(*) (*) (*) (*) (*) (*)	4.1 4.1 4.3 4.0 4.0	10.4 10.5 10.3 10.4 10.5	1.7 ! 1.7 : 1.6 : 1.5 : 1.4 :	8.8 8.8 8.7 8.7	6 1 5 8 5 4 4 9	3.5 3.3 3.0 2.8 2.7	2 2 1 1 1 1 1 1
63	100 0 100 0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5 49 8	12 9 13 0 13 2 13 5 14 0 14 3 14 5	11.7 11.7 11.2 11.1 11.0 11.1	6 6 6 6 6 6 6 5 6 6 5	16.1 16.3 16.6 17.0 17.2 17.5 17.7	36.2 36.1 36.4 38.4 36.0 35.5 35.5	13.9 13.7 13.8 13.9 13.8 13.6	18.1 18.4 18.5 18.1 17.7 17.8	(¹) (¹) (¹) (¹) (¹) (¹)	(*) (*) (*) (*) (*) (*)	4.1 4.1 4.3 4.0 4.0 4.0	10.4 10.5 10.3 10.4 10.5 10.4	1.7 1.7 1.6 1.5 1.4 1.4	8.8 8.7 8.9 9.1 9.0 9.2	6 1 5.8 5 4 4 9 4 7 4.5 4.2	3.5 3.3 3.0 2.8 2.7 2.5	2 2 2 1 1 1 1 1
63	100 0 100.0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5	12 9 13.0 13.2 13.5 14.0 14.3	11.7 11.7 11.2 11.1 11.0 11.1	66 66 69 68 66 65	16.1 16.3 16.6 17.0 17.2 17.5 17.7	36.2 36.1 36.4 38.4 36.0 35.5 35.5	13.9 13.7 13.8 13.9 13.8 13.6 13.6	18.1 18.4 18.5 18.1 17.7 17.8	(*) (*) (*) (*) (*) (*) (*)	(*) (*) (*) (*) (*) (*) (*)	4.1 4.1 4.3 4.0 4.0	10.4 10.5 10.3 10.4 10.5 10.4 10.5	1.7 1.7 1.6 1.5 1.4 1.4	8.8 8.8 8.7 8.9 9.1 9.0 9.2	6 1 5.8 5 4 4 9 4 7 4.5	3.5 3.3 3.0 2.8 2.7	
63	100 0 100.0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5 49 8	12 9 13 0 13 2 13 5 14 0 14 3 14 5	11 7 11.7 11 2 11 1 11.0 11 1 11 1	6 6 6 6 6 6 6 5 6 6 5	16.1 16.3 16.6 17.0 17.2 17.5 17.7	36.2 36.1 36.4 38.4 36.0 35.5 35.5	13.9 13.7 13.8 13.9 13.8 13.6 13.5	18.1 18.4 18.5 18.1 17.7 17.8	(*) (*) (*) (*) (*) (*) (*)	(*) (*) (*) (*) (*) (*) (*)	4.1 4.3 4.0 4.0 4.0 4.0 4.1 4.5	10.4 10.5 10.3 10.4 10.5 10.4 10.5	1.7 1.7 1.6 1.5 1.4 1.4 1.3	8.8 8.7 8.9 9.1 9.0 9.2	6 1 5.8 5 4 4 9 4 7 4.5 4.2	3.5 3.3 3.0 2.8 2.7 2.5 2.4 2.3	
63	100 0 100 0 100 0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5 49 8 50 8 50 6	12 9 13.0 13.2 13.5 14.0 14.3 14.5	11 7 11.7 11 2 11 1 11.0 11 1 11 1 11 4 11 8	66 66 68 66 66 65 67 69	16.1 16.3 16.6 17.0 17.2 17.5 17.7	36.2 36.1 36.4 38.4 36.0 35.5 35.5 34.5 33.7	13.9 13.7 13.8 13.9 13.8 13.6 13.5 13.5	18.1 18.4 18.5 18.1 17.7 17.8 17.0 15.8 16.0	(*) (*) (*) (*) (*) (*) (*)	(1)	4.1 4.3 4.0 4.0 4.0 4.0 4.1 4.5 4.6	10.4 10.5 10.3 10.4 10.5 10.4 10.5 11.8	1.7 1.7 1.6 1.5 1.4 1.4 1.3 1.3	8.8 8.7 8.9 9.1 9.0 9.2	6 1 5.8 5 4 4 9 4 7 4.5 4.2	3.5 3.0 3.0 2.8 2.7 2.5 2.4 2.3 2.2	
63	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5 49 8 50 8 50 6 50 0	12 9 13.0 13.2 13.5 14.0 14.3 14.5 14.8 14.6 14.6	11 7 11.7 11 2 11 1 11.0 11 1 11 1 11 4 11 8 10 6	66 6.6 69 68 66 65 67 69 71 89	16.1 16.3 16.6 17.0 17.2 17.5 17.7 18.0 17.4 17.8	36.2 36.1 36.4 38.4 36.0 35.5 35.5 34.5 33.7 34.4	13.9 13.7 13.7 13.8 13.9 13.6 13.5 13.5 13.5	18.1 18.4 18.5 18.1 17.7 17.8 17.0 15.8 16.0	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	(¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹)	4.1 4.3 4.0 4.0 4.0 4.0 4.0 4.0 4.6 4.6	10.4 10.5 10.3 10.4 10.5 10.4 10.5 11.8 11.8	1.7 1.7 1.6 1.5 1.4 1.4 1.3 1.3 1.2 1.2 1.1	8.8 8.8 8.7 8.9 9.1 9.0 9.2 10.6 10.6	6 1 5 8 5 4 4 9 4 7 4 5 4 2 4 0 3 9 3 8 6	3.5 3.3 3.0 2.8 2.7 2.5 2.4 2.3 2.2 2.1	
63 64	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5 49 8 50 6 50 0 49 9 50 6	12 9 13.0 13.2 13.5 14.0 14.3 14.5 14.6 14.6 14.6 14.8	11 7 11.7 11 2 11.1 11.0 11.1 11.1 11.4 11.8 10.6 11.0 11.2	66 66 69 68 66 65 71 89 68 69	16.1 16.3 16.6 17.0 17.2 17.5 17.7 18.0 17.4 17.8 17.5 17.8	36.2 36.1 36.4 38.4 36.0 35.5 35.5 34.5 33.7 34.4 34.7 34.0	13.9 13.7 13.8 13.9 13.6 13.5 13.5 13.5 13.8 13.9 13.8	18.1 18.4 18.5 18.1 17.7 17.8 17.0 15.8 16.0 16.3 15.5	(¹) (¹) (¹) (¹) (¹) (¹) (¹) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	(¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹) 3.7 3.7 3.7	4.1 4.3 4.0 4.0 4.0 4.0 4.5 4.6 4.6 4.8	10.4 10.5 10.3 10.4 10.5 10.4 10.5 11.8 11.8 11.7	1.7 1.7 1.6 1.5 1.4 1.3 1.3 1.2 1.2 1.1	8.8 8.8 8.7 8.9 9.1 9.0 9.2 9.4 10.6 10.6 10.6	61 5.8 5.4 4.9 4.7 4.5 4.2 4.0 3.8 3.7 3.6	3.5 3.3 3.0 2.8 2.7 2.5 2.4 2.2 2.1 2.1	
63 64	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5 49 8 50 6 50 0 49 9 50 6	12 9 13 0 13 2 13 5 14 0 14 3 14 5 14 6 14 6 14 6 14 8 15 5 15 7	11 7 11.7 11.2 11.1 11.0 11.1 11.1 11.4 11.8 10.6 11.0 11.2	66 66 69 68 66 65 71 89 68 69	16.1 16.3 16.6 17.0 17.2 17.5 17.7 18.0 17.4 17.8 17.5 17.8	36.2 36.1 36.4 38.4 36.0 35.5 35.5 34.5 34.7 34.0 32.4	13.9 13.7 13.8 13.9 13.6 13.5 13.5 13.5 13.5 13.9 13.8	18.1 18.4 18.5 18.1 17.7 17.8 17.0 15.8 16.0 16.3 15.5	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	4.1 4.3 4.0 4.0 4.0 4.5 4.6 4.6 4.8 4.4	10.4 10.5 10.3 10.4 10.5 10.4 10.5 11.8 11.8 11.7 11.8 12.3 12.3	1.7 1.7 1.6 1.5 1.4 1.3 1.2 1.2 1.1 1.0	8.8 8.8 8.7 8.9 9.1 9.0 9.2 9.4 10.6 10.6 10.8	61 5.8 5.4 4.9 4.7 4.5 4.2 4.0 3.8 3.7 3.6	3.5 3.3 3.0 2.8 2.7 2.5 2.4 2.2 2.1 2.1 2.0 1.9	
63 64	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5 49 8 50 6 50 0 49 9 50 6 51 7 51 8 51 7	12 9 13 0 13 2 13 5 14 0 14 3 14 5 14 6 14 6 14 6 14 8 15 5 15 7 13 5	11 7 11.7 11.2 11.1 11.0 11.1 11.1 11.4 11.6 11.0 11.2 11.2	66 66 69 68 66 65 7 69 71 89 68	16.1 16.3 16.6 17.0 17.2 17.5 17.7 18.0 17.8 17.8 17.8 18.1 18.0 18.0	36.2 36.1 36.4 38.4 36.0 35.5 35.5 34.5 34.7 34.7 34.0 32.6 32.9	13.9 13.7 13.8 13.9 13.8 13.6 13.5 13.5 13.5 13.9 13.9 13.9	18.1 18.4 18.5 18.1 17.7 17.8 17.0 15.8 16.0 16.3 15.5	(¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹) 12.3 12.5 11.8 10.9	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	4.1 4.3 4.0 4.0 4.0 4.5 4.6 4.6 4.8 4.4 4.5 4.8	10.4 10.5 10.3 10.4 10.5 10.7 11.8 11.8 11.7 11.8 12.3 12.3	1.7 1.7 1.6 1.5 1.4 1.3 1.3 1.2 1.1 1.0 1.0	8.8 8.7 8.9 9.1 9.0 9.2 9.4 10.6 10.6 10.6 11.3 11.4 11.4	61 5.8 54 49 47 4.5 4.2 4.0 3.9 3.6 3.6 3.3 3.1	3.5 3.3 3.0 2.8 2.7 2.5 2.4 2.3 2.2 2.1 2.1 2.0 1.9	
63 64	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5 49 8 50 6 50 0 49 9 50 6	12 9 13 0 13 2 13 5 14 0 14 3 14 5 14 6 14 6 14 6 14 8 15 5 15 7	11 7 11.7 11.2 11.1 11.0 11.1 11.1 11.4 11.8 10.6 11.0 11.2	66 66 69 68 66 65 71 89 68 69	16.1 16.3 16.6 17.0 17.2 17.5 17.7 18.0 17.8 17.8 17.8 18.1 18.0 18.0	36.2 36.1 36.4 38.4 36.0 35.5 35.5 34.5 34.7 34.0 32.4	13.9 13.7 13.8 13.9 13.6 13.5 13.5 13.5 13.9 13.8 13.9 13.8	18.1 18.4 18.5 18.1 17.7 17.8 17.0 15.8 16.0 16.3 15.5	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	4.1 4.3 4.0 4.0 4.0 4.0 4.6 4.6 4.6 4.8 4.8 4.8	10.4 10.5 10.3 10.4 10.5 10.7 11.8 11.8 11.7 11.8 12.3 12.3	1.7 1.7 1.6 1.5 1.4 1.3 1.3 1.2 1.1 1.0 1.0 9	8.8 8.7 8.9 9.1 9.0 9.2 9.4 10.6 10.6 10.6 11.3 11.4 11.4	61 5.8 5.4 4.9 4.7 4.5 4.2 4.0 3.8 3.7 3.6	3.5 3.3 3.0 2.8 2.7 2.5 2.4 2.3 2.2 2.1 2.1 2.0 1.9 1.8	
63 64 65 66 66 67 69 70 71 72 73 74	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5 50 6 50 0 49 9 50 6 51 7 51 8 52 5	12 9 13 0 13 2 13 5 14 0 14 3 14 5 14 6 14 6 14 4 14 8 15 5 15 7 13 5 15 9	11 7 11.7 11.2 11.1 11.0 11.1 11.1 11.4 11.8 10.6 11.0 11.2 11.4 11.4 11.4 11.4	66 66 69 68 66 65 7 69 71 89 68 68 68	16.1 16.3 16.6 17.0 17.2 17.5 17.7 18.0 17.4 17.8 17.8 17.8 17.8 18.1 18.0 18.0 18.0 18.0	36.2 36.1 36.4 38.4 36.0 35.5 35.5 34.5 33.7 34.4 34.7 34.0 32.6 32.9 32.9 32.9	13.9 13.7 13.8 13.9 13.6 13.5 13.5 13.9 13.8 13.9 13.8	18.1 18.4 18.4 18.5 18.1 17.7 17.8 17.0 15.8 16.0 16.3 15.5 14.6 14.6 14.7 14.6 14.4	(¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹)	(1) (1) (1) (1) (1) (1) (1) (1) (1) (2) (3.7 (3.7 (3.7 (3.7 (3.8) (3.8)	4.1 4.3 4.0 4.0 4.0 4.1 4.5 4.6 4.6 4.8 4.8 4.8	10.4 10.5 10.3 10.4 10.5 10.4 10.5 11.8 11.8 11.7 11.8 12.3 12.3 12.3 12.0	1.7 1.7 1.6 1.5 1.4 1.3 1.3 1.2 1.2 1.1 1.0 9 .9	8.8 8.8 9.1 9.0 9.2 9.4 10.6 10.6 10.6 11.3 11.4 11.4 11.1	61 5.8 5.4 4.9 4.7 4.5 4.2 4.0 3.9 3.8 3.7 3.6 3.3 3.1 3.0 2.9	3.5 3.3 3.0 2.8 2.7 2.5 2.4 2.3 2.2 2.1 2.1 2.0 1.8 1.7 1.6	
63 64 66 67 69 70 71 72 73 74	100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0 100 0	47 3 47 6 47 9 48 3 48 8 49 5 49 8 50 6 50 0 49 9 50 6 51 7 51 8	12 9 13 0 13 2 13 5 14 0 14 3 14 5 14 6 14 6 14 6 14 4 14 8 15 5 15 7 13 5	11 7 11.7 11.2 11.1 11.0 11.1 11.1 11.4 11.8 10.6 11.0 11.2 11.2 11.4 11.4	66 66 69 68 66 65 71 89 68 67 68 87	16.1 16.3 16.6 17.0 17.2 17.5 17.7 18.0 17.4 17.8 17.5 17.8 17.5 17.8 18.0 18.0 18.0 18.0 18.0	36.2 36.1 36.4 38.4 36.0 35.5 35.5 34.5 34.7 34.0 32.4 32.6 32.9 32.9	13.9 13.7 13.8 13.9 13.6 13.5 13.5 13.9 13.8 13.9 13.8 13.9 13.8	18.1 18.4 18.4 18.5 18.1 17.7 17.8 17.0 15.8 16.0 16.3 15.5 14.6 14.6 14.7 14.6 14.4	(¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹) (¹)	(1) (1) (1) (1) (1) (1) (1) (1) (1) (2) (3.7 (3.7 (3.7 (3.8 (3.8)	4.1 4.3 4.0 4.0 4.0 4.0 4.5 4.6 4.6 4.8 4.8 4.8	10.4 10.5 10.3 10.4 10.5 10.7 11.8 11.8 11.7 11.8 12.3 12.3 12.3 12.0	1.7 1.7 1.6 1.5 1.4 1.3 1.3 1.2 1.1 1.0 1.0 9	8.8 8.8 8.7 8.9 9.1 9.2 9.4 10.6 10.6 10.6 11.3 11.4 11.4	61 58 54 49 47 4.5 4.2 4.0 3.9 3.8 3.7 3.6 3.3 3.1 3.0	3.5 3.3 3.0 2.8 2.7 2.5 2.4 2.3 2.2 2.1 2.1 2.0 1.9 1.8	



Table 16. Employed civilians by sex, race, Hispanic origin, and occupation, 1958-82—Continued [Numbers in thousands]

i		_	White-co	ollar wor	kers	_		Bio	ie-colla	r worke	rs		Sen	vice wor	kers	Fa:	m work	ers
	,			Man-		-			C	perative	es ·			İ		-	_	
Year	Total em- ployed	Total	Profes- sional and techni- cal	agers and admin- istra- tors, except farm	Sales work- ers	Cleri- cal work- ers	Total	Craft and kin- dred work- ers	Total	Ex- cept trans- port	Trans- port equip- ment	Non- farm labor- ers	Total	Pri- vate house- hold work- ers	Other serv- ice work- ers	Total	Farmers and farm man- agers	labor ers and supe
;									Black				_ <del></del>					
973 974	8,128 8,203	2,328 2,381	692 720	282 280	170 162	1,185	3,435	718	1,891 1,898	1,421 1,436	470 462	827 770	2,147 2,152	512 462		220 227	51 51	
9/4	0,203	2,301	720	200	102	1,220	3,444	775	1,080	1,430	402	//0	2,132	402	1,051	221	Ji	1
975	7,894	2,440	740	290	184	1,224	3,097	701	1,674		427	722	2,149	435		210	46	
976 977	8,231 8,540	2,608 2,782	811	313	178	1,306	3,233	730	1,778 1,824	1,333 1,335		725 765	2,189 2,215	405	' 1,781 ' 1,809	196 184	37 34	4
978		3,057	865 911	348 378	205 231	1,364 1,536	3,359 3,543	771 802	1,960			780	2,292		1,914	210		
979		3,296	985	429	232	1,651	3,584	889	1,939	1,446	493	757	2,277	354	1,923		26	
						. 704	0.474		4 075		507	004	0.074	040	   4 004	. 400		
980 981	9,313 9,355	3,409 3,529	1,016 1,085	418	252 251	1,724 1,744	3,471 3,414	904 865	1,875 1,893		507 498	691 656	2,271 2,266	340	1,931 1,943	162 136	' 22 18	14
982	9,189	3,524	1,088	459 4 <b>45</b>	253	1,738	3,221	823			444	684	2,200	294	1,999	149		
1 1				L			L	L	ent distr	1	<u> </u>	L		L	L	i .		i
				ļ ————						T	T	10.0		1				
973 974	100.0 100.0	28.6 29.0	8.5 8.8	3.5 3.4	2.1 2.0	14.6 14.9	42.3 42.0	8.8 9.4	23.3 23.1	17.5 17.5	5.8 5.6	10.2 9.4	26.4 26.2		20.1	2.7 2.8	.6 .6	
į	. 55.5		0.0	J.4		. 4.0		5.4			3.0	5.4		: J.J		1	:	:
975	100.0	30.9	9.4	3.7	2.3	15.5	39.2	8.9	21.2	15.8	5.4	9.1	27.2	5.5		2.7		2.
976		31.7	9.8	3.8	2.2	15.9	39.3	8.9	21.6	16.2	5.4	8.8 8.9	26.6				.4	
977 978	1	32.6 33.6	10.1 10.0	4.1 4.1	2.4 2.5	16.0 16.9	39.3 39.0	9.0 8.9	21.3 21.5	15.6 16.0	5.7 5.4	8.7	26.0 25.2	4.7	21.0	2.2	4	
979		35.2	10.5	4.6	2.5	17.6	38.2	9.5	20.7	15.4	5.3	8.1	24.3	1	20.5	2.1		
į	i I																·	
980  981	100.0 100.0	36 6 37.8	10.9 11.6	4.5 4.9	2.7 2.7	18.5 18.8	37.3 36.5	9.7 9.2	20.1 20.2	14.7 14.9	5.4 5.3	7.4	24.4 24.2	3.7	20.7	1.7 1.4		
982	100.0	38.4	11.8	ı	2.8	18.9	35.1	ī	18.7	13.8	4.8	7.4	•	1	21.8	1.6	.2	
ļ !				<b>.</b>	L		L	LHis	l ipanic ς	l origin	L	l <u></u> _	l	1	1			1
070				400	400	450			075		1	070	 E20	1	495		8	18:
973 974	3,396 <sub> </sub> 3,687 .	983 1,137	220 255	186 204	126 143	450 535	1,686 1,759	441 474	975 989		1	270 296	536 571		475 519	191 , 218	9	
975	3,663	1,193	288	205	139	562	1,700	472	951	786	165	277	604	65	 ! 539	166	12	15
976	3.720	1,210			•			493			1	291				164	6	1
77		1,303	304	232		614	1,901		1,018	849	1	323	695	:		. 180	8	II.
978		1,470	340	267	,	686	2,110	607		953	184	365	761	70	691	185	. 8	17
979	4,785	1,568	365	290	189	724	2,257	667	1,215	1,022	193	375	779	, 73	706	: 180	12	16
980		1.758	407	328	203	820		704			1	362		1			13	
981 '	5.348	1,869	435	i e	207		2,397	708	1,298	1,074	1	391		78	802	203	10	19
982i	5,158	1,885	440	337		890	2,214	680	1,162	943	219	372	867		782	192		. 18
; !	•	•				•	· · · · · · ·	Perce	ent distr	ribution				- ' -	_			
973	100.0	28.9	6.5	5.5	3.7	13.3	49.7	13.0	28.7	24.2	4.5	8.0	15.8	18	14 0	5.6	0.2	5
974	100 0	30.9					47.7	,	26.8			8.0	15.5	1	14 1		.2	
075	400.0	000			:	45.0	40.	1 400	05.0	24.5	4.5	7.0	46.5		; ! 447	A E		. 4
975 976	100 0 1 100 0	32.6 32.5	7 9 7.8	5.6 5.5	3.8 3.7	15.3 15.5	46.4 45.9			21.5		7.8 7.8	16.5 17.2		14.7 15.3	4.5 4.4		
977	100 0					15.1		13.7	25.0				17.0			4.4	2	
978	100.0	325			3.9			13.4	25.1	21.1						4 1	.2	
270	400.0	20.6	7.0	2.4	4.0	45.	470	120	05.4	24.4	4.0	70	167	   4 E	140	20	2	•
979	100.0	32.8 . 34 3	7 6 7.9	6.1 6.4	ı		47.2 45.5	13.9	25.4 24.7	:	4.0 3.9				14.8 14.7	3.8 3.8	.3 .3	
180																		٠.٠
980 981 .	100.0 100.0	34 9	8.1	6.6	4.0 3.9	16.0 16.3		13.7		1	4.2	7.3		1.7		3.8	.2	

<sup>1</sup> Not available.

duced into the Current Population Survey (CPS) in January 1971. Moreover, data from 1972 forward are not completely comparable with those for 1971, because of the addition of a question to the CPS in December 1971 relating to major activities and duties. For further explanation, see the Technical Note on the Current Population Survey.



Less than 0.05 percent

NOTE Beginning in 1971, occupational data are not strictly comparable with statistics for earlier years, as a result of changes in the occupational classification system for the 1970 Census of Population that were intro-

Table 17. Employed civilians by detailed occupation, 1975-82

[in thousands]

Occupation	1		•	Total en	· 1	• •	•	
	1975	1976	1977	1978	1979	1980	1981	1982
Total	85,846	88,752	92,017	96,048	98,824	99,303	100,397	99,52
te-collar workers	42,788	44,369	45,964	48,090	50,334	57,882	52,949	53,47
Professional and technical	12,934	13,550	13,949	14,538	15,378	15,968	16,420	16,95
Accountants	797	884	889	999	1,072	1,076	1,126	1,18
Architects	71	64	59	71	86	92	93	9
Computer specialists	370 ¦	396	381	439	547	598	∂27	75
Computer programmers	228	235	228	255	330	351	367	43
Computer systems analysts	124	139	132	155	181	205	213	24
Engineers	1,170	1,214	1,295	1,297	1,421	1,472	1,537	1,5
Aeronautical and astronautical engineers	52	52	55	61	66	75	84	
Civil engineers	164	159	176	166	168	187	190	11
Electrical and electronic engineers	295	306	331	337	365	367	380	4(
Industrial engineers	190	205	218 j	211	250	251	237	20
Mechanical engineers	203	203	219 j	220	242	242	252	2
Foresters and conservationists	41	38	56	60	59	67	59	1
Lawyers and judges	398	420	470	508	509	558	581	6
Lawyers	379	402	448	487	487 i	532	558	6
Librarians, archivists, and curators	191	193	209	204	203	201	192	2
Librarians	181	183	194	188	189	183	177	1
Life and physical scientists	281	287	281	279	287	309	311	3
Biological scientists	55	52	56	60	57	66	59	
Chemists	133	125	127	121	129	132	138	1
Operations and systems researchers and analysts	126	132	124	131	159	173	199	2
Personnel and labor relations workers	331	340	376	412	421	461	441	4
·	204		740	770	011	803	828	ε
Physicians, dentists, and related practitioners	661	687 109	743 107	778 119	811 134	143	130	1
Dentists	112	126	142	140	140	125	,152	1
Pharmacists	122 363	379	416	438	447	444	454	
Physicians, medical and osteopathic	1,143	1,224	1,309	1,378	1,519	1,607	1,654	1.7
Nurses, dietitians, and therapists		999		1,133	1,246	1,327	1,339	1,4
Registered nurses			1,081 183	195	213	220	251	
Therapists	181	163	474	512	549	588	643	ē
Health technologists and technicians		446		214	224	242	1 !	
Clinical laboratory technologists and technicians	181 80	197 i 81 i	200 86	99	106	102	104	1
		200	054	220	344	321	337	:
Religious workers	307	332	351	330	287	270	: 1	
Clergy		264	293	266 261	244	285	314	
Social scientists	193	205	229 108	120	122	141	160	
Economists	99	106			93	108	117	
Psychologists	40=	11	93	108	486	509	511	
Social and recreation workers		453	451	513	367	390	390	
Social workers		332		391	118	118	121	
Recreation workers		120 544	120 570	. 123 572	556	564	585	
t daditots. Sollogo and a selection and a sele					0.00		2 407	2
Teachers, except college and university	'	3,131 57	3,061 77	3,035 82	3,166 77	3,209	3,197 76	3,
Adult education teachers					1,395	1,405	1,412	1,4
Elementary school teachers		1,397	1,329	1,322	239	249	245	
Prekindergarten and kindergarten teachers	217	232	235		1,229	1,261	1,231	1,
Secondary school teachers		1,199	1,170 249	1,168 227	224	220	233	''
Teachers. except college and university, n.e.c		247	915	985	1,069	1,127	1,141	1,
Engineering and science technicians		917	79	78	86	93	103	.,
Chemical technicians		78	!	305	315	346	343	
Drafters		299	291	1	258	268	275	
Electrical and electronic engineering technicians	161	202	200	233 85	89	93	92	· ·
Surveyors		71	71	177	202	212	219	
Technicians, except health, engineering, and science		186	190	i	73	77	81	! !
Airplane pilots		65	65 67	70 55	60	62	63	
Radio operators  Vocational and educational counselors		61 174		·	169	183	188	i i
			!				1 000	
Writers, artists, and entertainers		1,117	1,162	1,217	1,270	1,313	1,388	1,
Athletes and kindred workers	108	98	108	104	109	117	135	
		145	150	165	184	198	218	:
Designers	120				3			
Designers  Editors and reporters  Musicians and composers	179	185		186 151	204 148	197 146	205	



Table 17. Employed civilians by detailed occupation, 1975-82—Continued [In thousands]

Occupation :				Total en	ployed	, .		
	1975	1976	1977	1978	95 109 133 132 126 164 56 66 10,286 10,719 586 634 376 458 173 204 51 57 186 188 98 106 159 155 378 425 426 420 122 114 605 650 350 347 336 353 110 118 277 301 6,225 8,393 6,059 6,284 98 97 97 89 205 196 557 544 95 98 568 630 111 125 4,323 4,495 391 403 856 922 2,379 2,408 522 172 201 17,207 17,953 1 170 164 1.861 1,945 1.434 1,512 207 241 80 77 383 369 99 109 54 61 460 506 228 244 279 312 173 178 174 168 258 256 164 170 89 95 844 923 47 59 403 465 277 279 245 221 277 279 245 254 264 600 614 3.646 3,792 166 158 87 3.396 3,548 469 493	1980	1981	1982
hite-collar workers—Continued		İ	!	! !			į	
Writers, artists, and entertainers—Continued	i 1		:					
Photographers	77	88 ;	82	95	109	113	101	9€
Public relations specialists and publicity writers	116	116 ;		!		128	123	134
Research workers, not specified	98 i 61	99 ; 65 ;	115 ; 60 :			180 62	193 55	191 53
1			i			•		
Managers and administrators, except farm	9,006 526	9,452 556	9,821			11,138	11,540	11,493
Buyers and purchasing agents	374	381	554 378		1	659 460	696 476	731 474
Buyers, wholesale and retail trade	148	159	165	1		194	195	195
Credit and collection managers	58	54	55	51	57	69	68	64
Health administrators	154	164	177	- 1	1	213	219	228
Inspectors, except construction and public administration  Managers and superintendents, building	113	115	104	1		111	110	107
Office managers, n.e.c.	150 307	151 333	153 350	1	1	157 <sup>1</sup> 462 <sup>1</sup>	161   504	183 507
Officials and administrators; public administration, n.e.c	365	371	406	1	1	433	476	430
Officials of lodges, societies, and unions	103	127	119			108	117	126
Restaurant, cafeteria, and bar managers	511	505	562	605	650	692	727	768
Sales managers and department heads, retail trade	320	327	351			362	346	<b>3</b> 53
Sales managers, except retail trade	309	309	326	,		359	374	372
School administrators, college	104 264	116 283	127   266	•		135 300	139	130 2 <b>9</b> 3
All other managers and administrators	5,350	5,647	5,891			6,621	291 6,836	6,727
Sales workers	5,528	5.578	5,823	6.050	6 294	6,303	6,425	6,580
Advertising agents and sales workers	79	89	82			112	128	130
Demonstrators	93	93	93	- i	L	92	106	116
Hucksters and peddlers	181	178	200	205	196	181	170	197
Insurance agents, brokers, and underwriters	510	496	508			543	595	645
Newspaper carriers and vendors	82	99	111	1		112	113	116
Real estate agents and brokers	422 106	461 : 93 :	513 98			598 j 137 j	562 159	534 197
Sales workers and sales clerks, n.e.c.	4,050	4.065	4,207		,	4,520	4,585	4,639
Sales representatives, manufacturing industries	369	351	340			434	416	383
Sales representatives, wholesale trade	771	820	864	856	922	935	971	1,020
Sales clerks, retail trade	2,333	2,308	2,352			2,393	2,431	2,447
Sales workers, except clerks, retail trade	448   128	453   132	494 157	1	. 1	530 226	525 241	522 268
Ciencal workers	1			1		1	ļ	
Bank tellers	15,321   356	15,788   378	16,372 416		- 1	18,473 542	18,564 369	18,446 <b>56</b> 1
Billing clerks	145	140	157		The state of the s	165	153	154
Bookkeepers	1,709	1,712	1,754			1,942	1,961	1,968
Cashiers	1,200	1,280	1,354	1,434		1,592	1,660	1,683
Clerical supervisors, n.e.c.	228	239	229	1		245	250	270
Collectors, bill and account	73	66 1	73	- 1		81	93	87
Dispatchers and starters, vehicle	331 ! 93 ;	359 [ 89 ]	349 j 99 i	(		358 i 105 :	360 ¦ 115 i	373 110
Enumerators and interviewers	44	49	55 !	_ [		87	58	53
Estimators and investigators, n.e.c.	389	423	459			545	540	570
Expediters and production controllers	214	210 :	219 <sup>†</sup>	228	244	238	254	257
File clerks	268 :	274	280	279 <sup> </sup>	312	332	315	278
Insurance adjusters, examiners, and investigators	153 '	159 '	172			179	191	200
Library attendants and assistants	146 ; 254 :	143 -	144			155 · 247 ·	152	150
Mail handlers, except post office	145	244 140	244 : 149 :	:		168	242 175	264 182
Messengers and office helpers	78	83	95			98	97	115
Office machine operators	725	739	774 -			959	966	1,107
Bookkeeping and billing machine operators	60	49	53			52	49	42
Computer and peripheral equipment operators	302	295	311			535	564	568
Keypunch operators.	253 202	279 211	284 231		3	271 237	248 ; 231 .	364 224
Postal clerks	293 •	291	271			291	269	271
Receptionists	468	511	542	600	614	644	675 <sup>j</sup>	672
Secretaries	3.281	3.428	3,470			3,944	3,917	3,847
Secretaries, legal	136	143	157			191	184	175
Secretaries, medical	79	87	91			86	23	85
Secretaries, n e c	3.067	3.196	3,221	3.39 <b>6</b>		3,66 <b>6</b>	3.650	3,587
_		440	47.	400	411-			,
Shipping and receiving clerks Statistical clerks	433 331	446 J <b>42</b>	474 363	469 . 3 <b>84</b>	493 - 408	515 396	525 ; 370	499 365



Table 17. Employed civilians by detailed occupation, 1975-82-Continued

[in thousands]

Occupation				Total em	ployed			
Occupation	1975	1976	1977	1978	1979	1980	1981	198
hite collar workers—Continued								
Clerical workers—Continued	[		I	i			1	
Stock clerks and storekeepers	479	499	505	516	539	544	528	4
Teacher aides, except school monitors	292	325	326	348	357	391	381	3
Telephone operators	348	343	347	317	333	323	308	2
Ticket, station, and express agents	138	126	132	131	148	144	148	1
Typists	1,035	995	1,020	1,060	1,038	1,043	1,031	9
All other clerical workers	1,375	1,444	1,587	1,705	1,618	1,899	1,956	1,8
ve-collar workers	28.303	29,364	30,683	32,068	32,669	31,452	31,261	29,5
Craft and kindred workers	11,107	11,439	12,068	12,599	13,119	12,787	12,662	12,2
Carpenters	986	1,040	1,193	1,278	1,304	1,215	1,122	1,0
Brickmasons and stonemasons	161	178	178	206	207	170	152	
Cement and concrete finishers	83	72	73	84	83	72	64	
	-	. –	600		655	665	684	. (
Electricians	543	582		604		t t		
Excavating, grading, and road machinery operators	402	423	412	432	452	465	422	;
Painters, construction and maintenance	425	419	468	492	492	479	471	,
Plumbers and pipefitters	391	406	436	436	459	488	472	4
Structural metal craft workers	76	72	69	80	88	76	82	
Roofers and slaters	82	91	103	117	152	143	139	
Blue-collar worker supervisors, n.e.c	1,406	1,459	1,572	1,692	1,762	1,754	1,816	1,1
Machinists and job setters	563	577	584	600	652	669	668	
Job and die setters, metal	97	93	96	99	91	92	94	
Machinists	466	464	485	501	561	577	574	
Me'al craft workers, excluding mechanics, machinists, and	700	404	705	30.	- J	3,,	0,4	
	507	600	057	607	CE4	644	626	
job setters	597	633	657	627	654	644		
Millwrights	79	96	97	95	112	108	102	
Molders, metal	52	55	53	54	57	55	52	
Sheet-metal workers and tinsmiths	146	147	157	158	162	165	157	
Tool-and-diemakers	173	187	192	181	183	175	175	
Mechanics, automobiles	1,118	1,143	1,184	1,235	1,301	1,228	1,249	1,
Automobile body repairers	167	177	183	188	197	184	204	
Automobile mechanics	951	966	981	1,047	1,106	1,039	1,045	1,
Mechanics, except automobiles	1,820	1,883	2,054	2,165	2,222	2,171	2,159	2,
Air-conditioning, heating, and refrigeration mechanics	174	181	196	214	229	212	212	-
Aircraft mechanics	122	112	121	135	128	125	123	
Data processing machine repairers	59	52	52	65	94	86	100	
Farm implement mechanics	60	67	67	62	66	57	46	
	1			1	973	983	1,007	
Heavy equipment mechanics, including diesel	767	846	925	967	9/3	800	1,007	
Household appliance and accessory installers and me-					400	440	400	l
chanics	142	145	150	147	158	143	132	
Office machine repairers	59	59	70	65	71	82	75	
Radio and television repairers	125	115	135	133	133	122	109	
Railroad and carshop mechanics	54	52	54	50	56	61	60	
Printing craft workers	378	384	393	422	460	415	402	
Compositors and typesetters	156	154	168	183	189	177	174	
Printing press operators	147	150	154	171	194	171	166	
Bakers	125	139	108	130	143	136	135	
Cabinetmakers	78	79	86	80	78	83	75	
Carpet installers	62	71	73	70	80	79	85	
	170	,	170	158	166	150	143	
Crane, derrick, and hoist operators	- 1	168				1	126	
Decorators and window dressers	97	111	126	127	132	117		
Electric powerline and cable installers and repairers	117	111	108	113	116	119	117	
Inspectors, n.e.c.	135	152	153	141	139	150	143	
Locomotive engineers	57	48	48	55	56	55	47	
Stationary engineers	192	196	186	182	196	186	182	
Tailors	52	54	44	48	36	27	22	
Telephone installers and repairers		287	285	303	309	317	326	1
Telephone line installers and repairers		66	69	79	84	73	79	!
		i	71	61	58	69	72	1
Uphoisterers	64 533	71 523	563	587	585	575	582	
Operatives, except transport	9,751	10,221	10,512	11,055	1 <b>1</b> ,111	10,565	10,540	9
Assemblers	1,026	1,101	1,152	1,182	1,309	1,178	1,167	1
Bottling and canning operatives		50	55	58	47	51	54	٠,
			- 1			750	800	
Checkers, examiners, and inspectors; manufacturing		663	694	747	759			1
Clothing ironers and pressers		137	134	128	119	117	118	
Cutting operatives, n.e.c		240	256	267	268	272	276	
Dressmakers, except factory		127	121	118	112	110	117	ĺ
Drillers, earth		55	63	53	53	57	61	
Dry wall installers and lathers		66	79	107	114	94	82	
Filers, polishers, sanders, and buffers		117	121	131	137	117	116	i



Table 17. Employed civilians by detailed occupation, 1975-82—Continued

[In thousands]

0				Total em	ployed			
Occupation -	1975	1976	1977	1978	1979	1980	1981	1982
ue-collar workersContinued	1	1		į	İ	:		ı
Operatives, except transport—Continued	į	į	į	į	1	į		
Furnace tenders, smelters, and pourers; metal	62	73	76	61	62	62	62	_!
Garage workers and gas station attendants	455	453	433	423	377	346	349	3
Laundry and dry cleaning operatives, n.e.c	195	169	169	178	190	208	194	11
Meatcutters and butchers, except manufacturing	210	218	191	208	224	188	178	11
Meatcutters and butchers, manufacturing	101 !	88 ;	89	116	91	99	98	1
Mine operatives, n.e.c.	188	193	207	185	194	225   95	270	2:
Mixing operatives	92	88 j	89	86	81	,	78	51
Packers and wrappers, excluding meat and produce	597	597	617	683	635 189	610 ; 185 ;	589 1 <b>66</b>	1:
Painters, manufactured articles	131 i 79 i	139 j 76 ;	155   84 :	185   98	91	90	87	''
Photographic process workers	382	355	375	389 i	409	379	352	2
Precision machine operatives	62	66	63	65	68	62	57	-
Grinding machine operatives	132	133	126	129	143	134	134	1
Lathe and milling machine operatives	119	107	122	126	124	115	102	•
Punch and stamping press operatives	131	156	153	157	159	128	107	
Sawyers.	110	131	132	140	138	109	124	1
Sewers and stitchers	817	828 !	839	836	834	814	807	7
Shoemaking machine operatives	68	74	78	79	78	72	74	
Furnance tenders and stokers, except metal	73	74	73	72	69	69	79	
Textile operatives	308	384	397	383	350	334	300	2
Spinners, twisters, and winders	114	154	171	154	137	123	102	_
Welders and flame cutters	664	671	652	694	730	711	728	•
Winding operatives, n.e.c	61	58	59	69	67	53	56	
All other operatives, except transport	2,631	2,841	2,970	3,222	3,232	3,051	3,051	2,0
Transport equipment operatives	3,252	3,310	3,522	3,593	3,671	3,531	3,476	3,
Busdrivers	313	335	343	341	363	361	360	
Delivery and route workers	590	530	526	590	593	598	563	
Forklift and tow motor operatives	317	360	395	368	391	372	369	:
Railroad switch operators	54	53	52	53	47	46	39	
Taxicab drivers and chauffeurs	163	166	169	174	167	165	164	
Truckdrivers	1,712 ; 105 ;	1,762 <sub> </sub> 106	1,923   115	1,951   116	1,997	1,878 112	1878 103	1,1
Nonfarm laborers	4,192	4,394	4,581	4,821	4,768	4,567	4,583	4.
Animal caretakers	102	94	91	85	99	98	95	
Construction laborers including carpenters' helpers	776	803	885	971 <sup>†</sup>	950	872	825	
Freight and material handlers	730 ¦	758	796	812	796	740	753	(
Garbage collectors	89	79	75	81	68	<b>72</b> j	75	
Gardeners and grounds keepers, except farm	588	626	610	628	831	619	666	
Timber cutting and logging workers	80	97	99	92	98	98 .	101	
Stockhandlers	827	843	873	934	941	964	992	
Vehicle washers and equipment cleaners	164	189	195	203	192	163	170	
Warehouse laborers, n.e.c	208	228	241	268	265	280 !	277	
All other nonfarm laborers	628	877	716	746 į	729	062	629	
vice workers	11.798	12,174	12,588	13,062 1,180	13,084   1,109	13,228	13,438 1,047	13,
Child care workers	1,183 439	1,139 ¦ 434	449	492	481	439	451	نو ۱
	605	560	582	539	495	502	468	
Cleaners and servants		111	108	120	97	92	101	,
Service workers, except private households	10,617	11,035	11,414	11,882	11,978	12,165	12,391	12,0
Cleaning workers	2,233	2,312	2,395	2,467	2,491	2,499	2,489	2,
Lodging quarters cleaners	194	184	182	183	183	169	180	
Building interior cleaners, n.e.c	760	797	842	877	916	951	955	•
Janitors and sextons	1,280	1,331	1,372	1,407	1,394	1,380	1,354	1,4
Food service workers	3,695	3,984	4,171	4.369	4,396	4,540	4,682	4,
Bartenders	250	265 ,	276 :	287	301	305 ;	315	:
Waiters' assistants	.38 !	195 :	197 ·	221	191	211	224	
Cooks	1,018	1,085 :	1,129	1,213	1,281	1,363	1,393	1,
Dishwashers	226	255	262 <sup>1</sup>	248 ;	247   450	241 j 433 j	256	
Food Counter and fountain workers	376	425 1	459 ; 1,335 :	469	1,395	1,450 i	467   1,477	1,
Waiters Food service workers, n.e c	1,201 457	1,280 · 478 ·	513	1,411 ± 523 ‡	529	536	549	١,
Health service workers	1,734	1,764	1,770	1,872	1,847	1,929	1,995	2,
Dental assistants	128	124	126	133	138	142	143	-,
Health aides, excluding nursing	222	243	249	280	286	295	317	;
Nursing aides, orderlies, and attendants	1,009	1,011	1,019	1,049	1,038	1,108	1,131	1,
commendation and accommendation accommendation and accommendation	374	386	377	408	383	383	403	



Table 17. Employed civilians by detailed occupation, 1975-82—Continued

[in thousands]

•				Total en	nployed			
Occupation	1975	1976	1977	1978	1979	1980	1,766 323 107 426 577 136 88 1459 214 607 512 71 2,749 1,485 1,447 1,264	1982
Service workers—Continued			:					
Service workers, except private households—Continued	i	İ	i	1	ì	į	1	
Personal service workers	1,648	1,655	1,733	1,792	1,808	1,772	1,766	1,85
Attendants	283	295	303	315	296	310	323	33
Barbers	125	125	119	122	110	109	107	10
Child care workers	427	386	448	432	449	441	426	47
Hairdressers and cosmetologists	511	542	535	552	587	578	577	57
Housekeepers, excluding private household		123	129	137	142	136	136	18
Welfare service aides	1	60	78	98	105	89	88	9
Protective service workers	1305	1320	1345	1382	1433	1425	1459	1,54
Firefighters		214	228	224	240	231	214	21
Guards	1	506	500	559	582	562	607	68
Police and detectives	1	492	504	482	492	521	512	50
Sheriffs and bailiffs	52	58	61	62	70	63	71	7
Farm workers	2,955	2,845	2,783	2,829	2,737	2,741	2,749	2,72
Farmers and farm managers	1,597	1,519	1,465	1,487	1,454	1,493	1,485	1,45
Farmers (owners and tenants)		1,493	1,432	1,451	1,411	1,454	1,447	1,41
Farm laborers and supervisors		1,327	1,317	1,341	1,283	1,247	1,264	1,27
Farm laborers, wage workers		959	956	995	955	922	969	98
Farm laborers, unpaid family workers		326	323	299	286	284	254	24

NOTE: N.E.C. is an abbreviation for "not elsewhere classified" and designates broad categories of occupations which connot be more specifically identified.



Table 18. Employed civilians by industry and occupation, 1976-82 [Percent distribution]

Year and industry	16 years and over	Professional and technical workers	Managers and administrators. except farm	Sales Work-	Cleri- cal work- ers	Craft and kin- dred work- ers	Opera- tives, except trans- port	Trans- port equip- ment opera- tives	Non- farm labor- ers	Private house- hold work- ers	Service work- ers except private house- holds	Farm work- ers
1976							1 1					† 
Agriculture	100.0	1.9	0.9	0.2	2.1	1.3	0.3	i 1.1	6.5	_	0.2	85.6
Mining		12.2		.4	9.5	29.1		6.1	2.3	i _	1.2	-
Construction	100.0		11.9	.3	7.3	55.2	4.0	3.3	14.2	ļ <del></del>	.4	_
Manufacturing	100.0	10.0	6.7	2.2	12.1	19.4	38.6	3.8	5.2	_	2.1	-
∩urable goods		110		1.3	11.4	21.7	37.6	3.1	5.4	_	2.0	
fondurable goods		8.6	7.1		13.0	15.9	40.0	4.8	5.0	-	2.2	-
Transportation and public utilities		8.1	9.3		22.9	22.4	2.7	23.4	7.6	! -	2.9	ļ —
Wholesale and retail trade		2.0 3.6	19.2 20.0	21.2 23.2	17.0	7.7	•	3.9	6.1	_	17.1	-
Retail trade		1.6	19.0	20.7	21.3 16.0	8.6 7.5	5.3 5.9	9.9 2.4	7.3 5.9	_	.8 21.0	_
Finance, insurance, and real estate		5.4	19.8		44.3	2.0	; 5.8 : .1	.2	1.5	_	5.2	
Private households		.7	.1		.9	.4	1	.2	11.6	81.3	4.6	_
Services, except private households		38.3	7.3	.6	18.5	5.3	2.8	.8	1.6	_	24.8	l -
Educational services		56.6	6.6	.1	17.7	1.9	.4	.3	.8	_	15.6	i –
All other services		29.7	7.7	.8	18.9	6.9	3.9	1.0	2.0	_	29.2	_
Public administration	<b>100</b> .0	18.4	12.4	.1	36.7	5.9	.9	1.0	3.3	-	21.2	-
1977							! :					
Agriculture	100.0	2.0	1.1	.2	2.2	1,4	.5	.9	6.4	_	.2	85.0
Mining		12.5	8.8	4	9.7	27.4	32.3	5.7	2.0	_	1.2	¦ –
Construction	100.0	3.1	11.1	.3	6.7	55.9	4.3	3.3	14.7	-	.6	-
Manufacturing.		10.0	6.7	2.1	11.7	19.8	38.7	3.9	5.2	-	1.9	-
Durable goods		1.0	6.4	1.2	11.2	22.2	37.6	3.2	5.4	_	1.8	-
Nondurable goods		11.0	7.1		12.5	16.2	40.3	5.0	4.9	_	2.1	-
Wholesale and retail trade		8.0 1.9		.7 19.3	22.5 17.1	21.6 7.7	2.8 5.2	24.0 3.9	8.0 6.1	-	2.9 17.5	i -
Wholesale trade		3.1	21.0	23.5		8.6	4.6	10.5	7.0	_	.9	_
Retail trade		1.6	18.9	20.7	16.2	7.5		2.3	5.9	_	21.5	_
Finance, insurance, and real estate		4.8	19.3	219		2.1	,	.2	1.3		4.9	
Private households		1.0			.9	.4		.4	10.9	82.4	4.0	! –
Services, except private households	100.0	38.2	73	.6	18.6	5 5	2.7	.8	1.6	<b>-</b> 1	24.5	_
Educational services		55.9	<b>6</b> .5		179	1.9		.3	.8	_	16.2	-
All other services		30 1	7.7	.9				1.1	2.0	_	28.3	-
Public administration	1000	18.3	12.7	.1	36 0	6.1	.9	1.0	3.4	_	21.4	_
1978	:					i	i				_	
Agriculture	100 0 ·	_		.3	2.3	1.4	6	1.4	7.1	<b>–</b> !	.2	83.7
Construction.		13.5 2.8	90 11.8	.6	11 2 6.7	26.5 55.3	28 8 4.6		3.0 14.8		1.0 .5	1 =
Manufacturing			70	2.2	11.7	19.3	39.0		5.1	_	20	
Durable goods		11.1	6.8	14	11.2	21.2	38.3		5.1		1.8	i _
Nondurable goods			7 2		12.3	16.4	40.1	4.7	5 2	1	2.2	_
Transportation and public utilities		8.4	9.3	.7	22.4	21.8	2.6	23 7	8.0	;		· –
Wholesale and retail trade		1.9			17.3	7.6	_	3.8	6.2	!		_
Wholesale trade		3.4	21.0	22.9	20.4	8.8	5.2	10.1	73	- 1	.9	
Retail trade			18.6	20.3	16.6	7.4	5.3	,	5.9	-	22.0	_
Finance, insurance, and real estate			19.3	22 4	45.0 ,	1.9	1 :		1.3		4.7	_
Private households		9 37.8	; 7.3	7	.6 19.1 <sup>(</sup>	.4 5.5 ·	1 2.8	.4	10.2 1.6	83.2	4 1 24.3	_
Educational services		55 O	6.3	.1	18.8	2.1	.5	.2	.8	_	16.2	_
All other services		30 5	7.7	9	19.2	7.0	3.9			_!	27.8	
Public administration					36.1	6.2		_	3.1	_	20.9	_
1979	:						i			i	İ	
Agriculture	100 0	2 2	1 0	.2	25	1.7	6 ;	14	80	!	.3	82.0
Mining		14.8	7.9	6	114	26 7	28 7	:	2.8	<b>-</b> ·	1.3	
Construction		3 0	11.7	.5	70	55 5	49,	31	13.9	<b>-</b> į	.5	
Manufacturing.		10.7	7 1	23	12.0	19.6	38.0	3.6	4.8	- ;	2.0	_
Durable goods		120	68	14	115	21 3	37.4	2.9	4.9	<b>-</b> :	1.8	_
	1000	88	75	3.7	126	17.0 :		47	4.7	r	2.2	_
Fransportation and public utilities Wholesale and retail trade	100 0 100 0	8 9 2 0	98 191	9 20 9	22 6 : 17 5	21 5 7 8	24 50	23 6 3 7	7.4.! 6.0.:	-	2.9 17 9	_
Wholesale trade	100 0	39	20 3	20 9	20 5	90	50	98 <sup>‡</sup>	6.8	_	10	_



Table 18. Employed civilians by industry and occupation, 1976-82—Continued

[Percent distribution]

Year and industry	16 years and over	Profes- sional and lechni- cal workers	Manag- ers and adminis- trators, except farm	Sales work- ers	Cleri- cal work- ers	Craft and kin- dred work- ers	Opera- tives, except trans- port	Trans- port equip- ment opera- tives	Non- farm labor- ers	Private house- hold work- ers	Service work- ers, except private house- holds	Farm work- ers
1979—Continued												
Finance, insurance, and real estate	100.0	5.5	19.2	22.1	45.1	2.0	3		1.3		4.5	
Private households	100.0	.9		_	.9	.5		4	9.8	83.5	3.8	<del> </del>
Services, except private households	100.0	38.3	7.6	.7	19.3	5.4	2.8	8	1.6 .9	_	23.6 15.6	! <u> </u>
Educational services	100.0	55.0		.1	18.8 19.5	2.2	3.8	.2 1.0	1,9	_	27.0	
All other services	100.0 100.0	31.1 19.6	7.9 12.8	.9 .1	35.4	6.9 5.8	3.8	1.0	3.1		21.4	_
1	100.0	19.0	12.0	. '	03.4	3.0			<b>C</b>			<u> </u> 
1980	100.0	2.4		2	2.4	1.8	.5	1.2	8.2		.4	81.7
Agriculture	100.0 100.0	2.4 13.5	1.1 8.6	.2 .5	1 12.6	25.4	30.3	5.0	2.8	_	1.1	_
Mining Construction	100.0	3.1	12.9	.5	7.5	54.8	4.6	3.1	13.1		.5	
Manufacturing	100.0	11.4	7.8	2.5	12.5	19.5	36.5	3.5	4.5	_	1.9	i –
Durable goods	100.0	12.9	7.4	1.6	12.2	21.5	35.4	2.7	4.5	_	1.8	! -
Nondurable goods	100.0	9.0	8.4	4.0	12.8	16.4	38.3	4.6	4.4	_	2.1	-
Transportation and public utilities	100.0	9.5	10.3	1.1	23.3	21.2	2.5	22.5	7.1	_	2.6	-
Wholesale and retail trade	100.0	2.0	19.3	20.6	17.8	7.5	4.7	3.7	6.1	-	18.3	-
Wholesale trade	100.0	3.9	20.3	23.6	20.7	9.1	4.9	9.8	6.8	-	.9	-
Retail trade	100.0	1.6	19.1	19.9	17.1	7.1	4.6	2.2	5.9	-	22.5	_
Finance, insurance, and real estate	100.0	5.6	19.2	21.3	46.0	1.9	.2	.2	1.1		4.4	-
Private households	100.0	11	1	_	8.	.5	.2	.3	9.0	84.7	3.3	-
Services, except private households	100.0	38.5	7.7	.7	19.2	5.5	2.7	.8	1.5	_	23.4	_
Educational services	100.0	55.2	6.9	.1	18.9	2.0	.4	.4	.9 1.8	_	15.0 27.0	
All other services	100.0	31.6	8.1	.5	19.4	6.9 5.3	i 3.7 i 1.0	1.0	30	_	20.7	_
Public administration	100.0	20.1	12.8	.1	30.1	5.5	1.0				20.7	
1981 Agriculture	100.0	2.6	1.1	: ı .3	2.5	1.8	! : .4	: .8	8.4	<u> </u>	.5	81.6
Mining .		14.4	9.8	.6	11.8	23.3	31.9	5.1	2.3	· -	1.1	-
Construction		3.5	13.2	.6	7.9	54.1	4.4	2.7	13.2	i -	.5	-
Manufacturing			78	2.5	12.4	19.4	36.4	3.5	4.5	: <b>-</b>	1.9	_
Durable goods	100.0	13.5	7.5	1.5	12.2	21.5	35.0		4.4	. –	1.8	i -
Nondurable goods		89	8.3	4.1	12.6	162		•	4.7	i -	2.0	i -
Transportation and public utilities		9.5	10.8	1.3	23.3	21.0		22.0	6.7	-	2.8	
Wholesale and retail trade			19.5	20.6	17.8	7.0	:	3.6	6.1		18.8	! -
Wholesale trade		4.2	21.0	23.9	19.9	8.5	5.0	9.3	7.0 5.9		1.0 23.1	_
Retail trade		1.7		19.8	17.2 45.8	6.6	4.4	; 2.2 ı .1	11	! _	4.0	_
Finance, insurance, and real estate!	100.0 100.0	; 6.2 1.3	19.4	. 21.3	9	.8	.3	.2	11.4	82.1	3.0	!
Private households Services, except private households		38.6	8.0	.7	18.9		2.8	.7	1.5	i —	23.0	_
Educational services		55.9	1 7.0	.1	18.4	2.2	1	.3	9.	<u> </u>	14.8	
All other services		31.7	8.4	9.	19.1	_	3.7	.9	1.8	-	26 3	_
Public administration.		20.1	13.8	.1	34.8	5.4	.9	1.0	2.8	-	21.1	-
1982		:	•	! :	1	<u>!</u> i	!					
Agriculture		2.6	11	.3	2.4	2.0	.4	1.1	9.7	i -	4	80.1
Mining		17.2	11.7	.6		227	28.1	4.3	1.8	-	1.3	-
Construction			12.9		7.8	55.0	4.3	28	12.5	-	.6	-
Manufacturing		12.9	8.3	2.5	12.8	•	34.6	! 3.4	4.3		2.0	-
Durable goods	100 0	15.0	8.2	1.5		21.0	33.1	2.6	4.2	!	2.2	_
Nondurable goods		10.0	8.3	4.0	12.9	16.7 21.0	36.7 2.2	4.5 21.9	4.6 6.9		3.0	<u> </u>
Transportation and public utilities		10.4	; 110 · 19.3	1.4	22 3	7.0	1.2	3.5	6.1	-	18.9	_
Wholesale and retail trade Wholesale trade		43		24.5	20.5	i		9.0	6.5	_	.8	_
Retail trade.		1.9	188	199		6.7	: .		6.0	_	23.4	-
Finance, insurance, and real estate		6.7	196	22.0	43.9	2.1	1.1	_	1.4	; –	4.1	!
Private households		9	_		10		3	.5	11.6	82.0	3.2	j -
Services, except private households	100 0	i	7.9	8.	18.8		2.7	<b>.7</b>	1.6	i -	23.0	-
Educational services		56.2	6.7		18.3	2 2			9	-	14.9	
All other services	_		8.4	. 11	1 19.0	, 70	3.5	9	19	i –	i 26 1	i -
• •			12.8	1	35.0	<sup>i</sup> 5.6	1.1	1.0	28	1	, 21.9	1



Table 19. Nonagricultural workers on full-time or voluntary part-time schedules by selected characteristics, 1969-82

_	Characteristic	1969	1970	1971	1972	1973	1974	1975	1976	1977	1976	1979	1960	1981	196
							On	full-time	schedu	les <sup>1</sup>		_			
Total:				]											
Number	********************	59,181	59,141	59,393	61,665	64,065	64,746	63,145	65,787	68,396	71,835	74,097	73,590	74,339	
Percent		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
!	SEX AND AGE														
		66.8	66.8	67.0	66.7	66.4	65.8	65.2	64.8	64.3	63.6	63.1	62.2	61.9	61
	/ears	.6	.5	.5	.5	.6	.6	.5	.5	.5	.5	.5	.4	.4	l
16 to 24 y	/08/18	6.7	6.8	9.3	9.9	10.6	10.5	9.9	10.1	10.2	10.4	10.3	9.7	9.4	
	/66/18		31.6	31.5	31.6	31.4	31.4	31.7	31.7	31.7	31.6	31.7	32.0	32.6	3
	leais	24.2	24.2	24.1	23.3	22.5	22.1	22.0	21.4	20.6	20.0	19.4	19.1	16.4	10
65 years	and over	1.7	1.6	1.5	1,4	1.2	1.2	1.2	1.1	1.0	1.0	1.0	1.0	1.0	'
	••••••••••••••••••	33.2	33.2	33.0	33.3	33.6	34.2	34.8	35.2	35.7	36.4	36.9	37.6	38.1	34
	/04/3	.3	.3		3	3	.4	3	3		.3	.3	3	2	١.
•	/ears	1	7.4		7.5	7.7	7.9	7.6	7.6	7.9	6.0	6.0	7.9	7.6	ي ا
	/68/78		12.7		13.1	13.6	14.2				17.1	17.7	18.7	19.4	
	/esrs	_	12.1	12.1	11.7	11.2	11.1	11.1	10.9		10.5	10.4	10.5	10.3	10
65 years	and over	.8	.6	12.7	.7	.7	.6	.6	.6	.5	.5	.5	.5	.5	
ı	RACE AND SEX														
Vhite		69.5	89.5	89.5	69.5	89.2	69.2	69.4	89.1	69.0	88.7	88.6	88.6	88.1	84
		60.4	60.4	60.6	60.4	59.9	59.5	59.1	58.6	58.1	57.3	56.7	56.0	55.4	5-
Women		29.1	29.1	28.9	29.2	29.3	29.7	30.3	30.5	30.9	31.4	31.9	32.6	32.7	3:
lack			(*)	( <del>2</del> )	9.4	9.6	9.4	9.1			9.5	9.6		9.5	
		(*) (*)	(2) (2)		5.7 3.7	5.7 3.9	5.5 3.9								
SEX A	ND MARITAL STATUS	<u> </u> 													
Aen:														100	
			8.7	8.9	9.4	10.1	10.2				1	12.1	12.0	12.2	
	spouse present , divorced, or separated		54.6 3.4			52.5 3.8	51.5 4.1	1	1			46.0 4.9			
Vomen:										Ì		İ			
						7.3									
	spouse present					19.6	1							20.6	
Widowed,	, divorced, or separated	6.8	6.8	6.6	6.9	6.8	7.0	7.1	7.2	7.4	7.7	7.8	6.1	8.4	'
	INDUSTRY														
age and sal	ary workers	92.6	92.6	92.7	93.0	93.1	93.1	93.1	93.3	93.1	93.1	93.0	93.0	93.1	9
Construct	ion	6.0	5.9	6.2	6.3	6.3	6.0	5.5	5.5	5.7	5.9	6.0	5.7	5.5	
	uring		30.5	1		26.9	28.3		_		26.6	26.6	25.9	25.6	2
	ble goods		16.3	•	16.6	17.5	17.3				16.2	16.5	15.9	15.8	1
	urable goods	-	12.2			11.4	11.0		1			10.1	10.0	9.6	
Transport	ation and public utilities	7.4	7.4		1	7.1	7.3	7.3	7.1	7.1	7.1	7.2	7.2	7.2	
Wholesak	e and retail trade	14.9	15.4	16.3	16.3	16.1	16.3	16.7	1	1		16.2	16.1	16.2	
Finance a	ind services	25.2	26.1			27.4	28.0			1	,	29.6			
Other indi	ustries <sup>3</sup>	7.5	7.6	7.2	7.2	7.1	7.3	7.8	7.6	7.4	7.3	7.2	7.5	7.5	'
		7.4			•	6.9	1	6.9	6.7	6.9	6.9	7.0	7.0	6.9	1



Table 19. Nonagricultural workers on full-time or voluntary part-time schedules by selected characteristics, 1969–82—Continued

Characteristic	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
					_	On	voluntar	y part tir	ne 4					<u>,</u>
Total:														
Number	9.027	9,392	9,529	9,985	10,381	10,582	10,694	11,077	11,598	12,113		12,555	12,539	
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
SEX AND AGE										1				
<del>/e</del> n	32.8	32.2	32.3	32.5	31.6	31.4	31.3	30.9	31.3	30.7	30.2	30.5	29.7 7.2	
18 to 17 years	9.5	9.2	9.1	8.9	8.9	8.9	8.7	8.4	8.6	8.5	8.4	8.0		1
18 to 24 years	. 11.3	11.0	11.2	11.5	10.8	10.1	10.3	10.9	10.8	10.2	9.8	10.2	10.4	
25 to 44 years		3.0	3.2	3.3	3.4	3.4	3.5	3.4	3.7	3.7	3.7	3.8	3.9	
45 to 64 years		3.3	3.3	3.5	3.5	3.6	3.5	3.4	3.3	3.2	3.2	3.4	3.2	
65 years and over	5.7	5.8	5.5	5.4	5.2	5.4	5.3	4.8	5.0	5.2	5.2	5.0	5.0	4.
Vomen	67.2	<b>6</b> 7.8	87.7	67.5	68.4	68.6	68.7	69.1	68.7	69.3	69.8	69.5	70.3	1
18 to 17 years		8.2	8.2	8.3	8.8	8.8	8.7	8.6	8.4	8.7	8.6	8.1	7.7	1 -
18 to 24 years		12.2	12.6	13.1	13.3	13.3	13.6	14.0	14.0	14.1	14.2	14.3	14.6	
25 to 44 years	11	23.9	23.5	23.6	23.9	24.4	24.4	24.9	25.3	25.5	25.9	26.7	27.3	
45 to 64 years		19.1	18.8	18.2	18.2	17.9	17.8	17.2	18.5	18.5	18.6	16.0	16.4	
		4.4	4.6	4.4	4.3	4.2	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4
65 years and over	-	4.4	4.0	""	""									
RACE AND SEX							į							
White	90.0	90.4	90.9	90.7		90.7	90.7	91.4					1	
Men	. 30.0	29.4	29.7	29.7		28.3								
Women	60.1	61.1	61.2	81.0	82.1	62.3	62.4	63.3	62.9	63.2	63.9	63.8	04.0	
3lack	. (4)	( <sup>2</sup> ) ( <sup>2</sup> )	( <sup>2</sup> ) ( <sup>2</sup> )	8.3 2.4		1	· ·							
Women	) :	(*)	(*)	5.9							4.9	4.8	4.5	4
SEX AND MARITAL STATUS														
Men:									20.0	19.7	19.3	19.4	18.8	1 18
Single		20.0	20.1	20.4		1								
Married, spouse present Widowed, divorced, or separated	10.5 1.8	10.6 1.5	10.7 1.8			_			_			1		
Women:				4.5	100	40.5	40.0			20.8	20.9	20.7	20.6	20
Single		18.0	18.2										1	
Married, spouse present Widowed, divorced, or separated			40.8 6.7		1			1		1				· .
INDUSTRY									ļ					
Mana and salan workers	90.2	90.3	90 0	90.2	90.4	90.4	90.2	90.4	90.3	90.5	90.2	90.0	89.0	
Wage and salary workers		1.7	1.7									1.8	1.0	3 '
Construction		5.9	5.4	1								5.2	5.0	) (
Manufacturing			2.0				1							1
Durable goods			3.4					1 -		1				
Nondurable goods				1										
Transportation and public utilities		3.0	2.9						1		1			- 1
Wholesale and retail trade	1	31.4								-		-		
Finance and service Other industries 1		45.7 2.8				1		1		1	1	1	1 .	·
	1	1			ı		1	1	1					

<sup>&</sup>lt;sup>1</sup> Includes persons who worked 35 hours or more during the survey week and those who usually work full time but worked part time because of illness, bad weather, holidays, personal business, or other temporary non-economic reasons.



<sup>&</sup>lt;sup>2</sup> Not available.

Includes mining and public administration.

Includes peruons who wanted only part-time work.

Table 20. Persons on part-time schedules for economic reasons <sup>1</sup> by type of industry, sex, and age, 1957–82

[In thousands]

						<del></del>	1	Nonartic	ultural in	dustries					
		Agricul-				Me	<b>∍</b> n					Wo	men		
Year	Total	ture	Total	Total	18 to 17 years	18 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Total	18 to	18 to 24 years	25 to 44 years	45 to 64 years	65 years and over
957	2,469	300	2,169	1,283	99	181	488	418	78	906	58	117	383	315	3
958	3,280	327	2,953	1,793	114	257	727	607	88	1.161	57	166	482	413	4
959	2,640	304	2,338	1,320	115	223	494	419	87	1,016	62	140	405	367	4
960	2,860	300	2,580	1,476	114	251	552	489	70	1,083	75	167	420	385	31
961	3,142	329	2,813	1.825	127	305	598	527	66	1,188	85	178	460	443	40
962	2,661	325	2,337	1,308	113	243	478	422	55	1,029	85	171	386	372	3
963	2,820	332	2,291	1,263	106	255	438	407	59	1,025	65	183	384	355	31
964	2,455	318	2,137	1,154	106	235	398	368	49	982	60	177	350	359	37
965	2,209	281	1.928	1,005	108	226	322	310	40	923	55	205	308	325	30
998 •	1,894	230	1,664	863	75	195	277	273	43	801	47	164	286	279	27
<del>36</del> 7	2,163	250	1,913	987	81	214	331	310	51	925	52	199	312	331	33
68	1,970	255	1,715	830	90	194	250	250	47	886	55	201	288	314	30
969	2,056	246	1,810	888	98	210	284	252	45	921	64	212	311	308	27
970	2,448	247	2,198	1,106	98	285	374	303	46	1,091	70	269	355	362	35
971	2.688	237	2,451	1,209	104	338	404	317	48	1,241	79	322	410	391	40
972	2,648	218	2,430	1,180	138	370	384	268	42	1,249	94	340	412	361	41
973	2,554	211	2,343	1,118	128	355	358	241	38	1,224	96	361	397	331	36
974	2,988	238	2,751	1,332	129	405	458	295	48	1,419	103	402	472	405	41
975	3,804	262	3,542	1,763	135	537	635	410	48	1,778	112	540	613	477	37
978	3,607	273	3,334	1,818	129	548	555	343	44	1,717	112	540	597	432	35
977	3,608	239	3,369	1,574	140	545	540	302	47	1,794	114	577	641	421	41
78	3,518	219	3,298	1,473	143	520	516	246	49	1,824	127	561	660	428	49
)79	3,577	204	3,373	1,494	134	503	523	278	53	1,879	113	582	714	428	47
980	4,321	258	4,064	1,909	132	606	754	364	51	2,155	122	669	821	496	46
81	4,768	268	4,499	2,079	133	878	809	407	51	2,421	122	723	976	551	49
82	6,170	318	5,852	2,779	133	857	1,155	573	61	3,073	124	892	1,311	686	01

<sup>&</sup>lt;sup>1</sup> Includes persons who worked less than 35 hours during the survey week because of stack work, job changing during the week, material shortages, inability to find full-time work, etc.



 $<sup>^{\</sup>rm 2}$  Data for 1966 forward refer to persons 18 years and over; 14 years and over for prior years.

Table 21. Nonagricultural workers on part-time schedules for economic reasons by usual full- or part-time status and selected characteristics, 1969-82

Characteristic	1969	1970	1971	1972	1973	1974	1975	1978	1977	1978	1979	1980	1981	198
						Usı	ally wo	rk full ti	me ¹					_
Total:		]	1		Ţ <b>-</b>		T	Ţ.,	Ţ··	]		1	1	:
Number	955	1,202	1,189	1,091	1,088	1,327	1.850	1,345	1.289	1,288	1.366	1.714	1,738	2.16
Percent				1 '		100.0				100.0		100.0	100.0	
SEX AND AGE	į							1		ĺ				
Men		58.4	57.8	58.8	58.9	57.8	81.0	59.8	58.3	58.8	57.2	59.5	59.8	81.2
18 to 17 years	2.3	1.8	1.5	2.0	2.6	2.3	1.5	1.5	2.0	2.4	1.8	18	1.0	ا. ا
18 to 24 years		13.8	13.5	15.8	18.5	15.1	14.3	18.8	16.0	18.2	17.1	14.9	15.1	12.
25 to 44 years	. 22.3	23.8	23.1	23.0	21.9	23.7	25.8	24.5	24.9	23.5	24.5	28.5	28.8	30.
45 to 64 years	17.2	17.7	18.1	18.5	14.4	15.0	18.5	18.2	14.3	11.4	12.5	13.4	14.3	18.
85 years and over		1.7	1.5	1.4	1.5	1.5	.9	.9	1.1	1.3	1.1	1.1	.8	1.0
Women	43.6	41.8	42.2	41.4	43.1	42.4	39.0	40.2	41.8	43.2	42.9	40.5	40.2	38.
18 to 17 years		1.1	.8	.9	1.2	1.4	.9	.9	1.4	1.3	1.0	.9	.8	
18 to 24 years		9.7	9.7	9.8	12.2	10.9	9.9	11.0	12.1	12.5	12.3	11.2	10.2	9.
25 to 44 years		15.4	16.3	18.1	16.7	16.2	15.7	15.5	18.9	18.0	18.8	17.8	18.2	18.
45 to 64 years	1	14.5	14.5	13.5	11.9	13.3	12.0	12.2	11.0	10.7	10.0	10.3	10.2	9.
85 years and over		1.0	.8	1.1	1.0	.7	.8	.5	1	10.7	1	10.3	10.2	
·	1 '	1.0	.0	'.'	1.0	.′	.0	.5	.8	''	.8	.0	· '	
RACE AND SEX			<u>:</u>											
White		83.2	83.3	84.5	84.0	84.5	84.5	83.5	84.0	84.1	85.2	86.0	84.8	85.
Men		48.4	48.1	49.8	47.8	48.9	51.8	50.0	49.3	47.9	49.4	51.9	51.8	53.
Women	37.2	34.8	35.2	34.3	38.4	35.6	32.7	33.5	34.7	38.2	35.8	34.1	32.8	31.1
Black		(2)	(2)	16.5	15.7	15.4	15.4	15.9	15.9	15.8	14.0	13.1	14.0	12.
Men		(*)	(2)	10.2	9.9	9.3	9.7	9.8	9.2	9.3	7.8	7.3	7.5	6.0
Women	(2)	( <sup>2</sup> )	(2)	8.3	1.9	8.1	5.8	8.1	8.7	8.5	8.0	5.8	6.5	6.
SEX AND MARITAL STATUS							1			}				
Men:				 			!							
Single		13.4	13.4	18.4	18.2	15.5	15.1	18.1	17.1	20.2	19.1	17.4	18.0	16.
Married, spouse present	1	40.5	40.0	38.9	34.0	37.2	40.9	38.3	35.3	30.6	31.8	35.8	35.4	38.
Widowed, divorced, or separated	4.8	4.5	4.5	5.2	4.7	5.0	5.0	5.4	5.8	8.1	8.3	8.4	6.4	6.
Women:														
Single		7.8	7.8	8.4	9.2	9.0	8.0	9.4	9.7	10.5	10.4	10.4	10.0	9.
Married, spouse present		25.4 8.7	28.1 8.5	24.4 8.8	25.0 8.7	24.9 8.4	23.5 7.8	22.9 8.0	23.2	23.8 9.0	23.8 8.5	22.3 7.8	21.8 8.5	21.4 8.3
INDUSTRY	1	:    -		<b>!</b>					ļ	1			!	
Wage and salary workers	89.0	90.3	89.5	88.5	89.1	88.6	88.0	87.8	87.8	88.2	86.6	84.5	82.9	83.9
		<u> </u>										,	· 	
Construction		13.2	13.5	15.0	15.1	14.1	14.1	15.3	13.9	13.4	13.8	13.0	13.9	11.0
Manufacturing		42.2	39.0	33.2	32.1	36.1	38.8	30.5	29.9	29.3	28.3	29.8	27.7	32.
Durable goods	14.8	18.3	16.0	12.8	12.4	15.0	18.7	12.1	11.5	10.9	11.2	13.8	11.5	18.
Nondurable goods	23.0	23.9	23.0	20.5	19.7	21.0	19.9	18.3	18.4	18.3	17.1	15.7	18.1	18.
Transportation and public utilities	8.0	5.2	5.3	8.1	5.7	5.3	5.7	5.2	4.8	5.4	5.3	5.1	5.2	4.
Wholesale and retail trade		12.3	14.0	15.8	16.8	15.1	14.8	16.7	17.3	18.2	18.7	18.5	16.0	15.
Finance and services		15.0	18.1	18.6	17.8	18.4	15.1	17.9	20.0	20.0	20.1	17.7	18.2	17.
Other industries 3		2.3	1.5	1.8	2.1	1.8	1.7	2.1	1.8	2.0	2.4	2.8	2.0	2.
Self-employed and unpaid family workers	11.0	9.7	10.5	11.5	10.9	11.4	11.9	12.5	12.4	11.8	1 13.5	15.5	17.1	16.

See footnotes at end of table.



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Table 21. Nonagricultural workers on part-time schedules for economic reasons by usual full- or part-time status and selected characteristics, 1969-82—Continued

Characteristic	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	198
	:					Usu	ally wor	k part t	ıme 4					
Total		:		1	:	Ī	!	• :	•	i	İ	:		
Number	<sup>i</sup> 855	996	1.263	1,339	1,255	1,424	1,891	1.989	2,079	2,012	2,006	2,350	:2,761	3.68
Percent	100.0	100.0	100.0	100.0	100.0	100 0	100.0	100.0	; 100.0	100.0	100.0	100.0	100.0	i 100
SEX AND AGE	:	· :	:	į	 	! !	: !	i !	1	!	:	!	!	1
Men	41.2	: : 40.5	41.3	: ; 40.4	39.6	39.6	39 9	40.7	. 39.4	36.6	35.1	37 5	37.6	39
16 to 17 years old	1	7.9	6.8	8.5	78	7.0	5.9	5.5	5.5	5.6	5.5	4.5	4.2	. 3
18 to 24 years old		12.2	14.0	14.8	13.8	14.1	15.8	<sup>i</sup> 16.0	16.1	14.0	13.2	14.7	15.0	16
25 to 44 years old	8.3	8.8	10.1	8.2	9.2	9.7	10.7	10.9	10.2	10.2	8.8	10.9	11.4	13
45 to 64 years old	10.3	9.1		6.8	6.9	1	5.8	65	5.9	5.1	5.6	6.0	5.7	5
65 years old and over		2.6	2.2	2.0	1.8		1.8	1.6	1.6	1.7	1.9	1.4	1.3	1
Nomen	58.8	i 59.5	58.7	59.6	60.4	60.4	60.1	59.3	60.6	63.4	64.9	62.5	62.4	60
16 to 17 years	i i	5.7	5.5	6.3	6.6	5.9	5.2	5.0	4.6	5.5	4.9	4.5	3.9	
18 to 24 years		15.4	16.3	17.4	18.3	18.1	20.0	19.7	20.4	20.0	20.8	20.4	19.7	18
25 to 44 years		•			17.2		18.7	19.7	20.4	21.4	23.0	22.2	23.9	24
45 to 64 years		17.1	17.1		16.2		14.8	13.6	i 3.6	14.6	14.5	13.7	13.5	12
65 years and over		2.3	2.4	· 16.1 · 2.2	2.2	2.3	14.6	1.4	13.0	2.0	1.8	1.7	1.3	'1
ob years and over.	2.3	2.3	2.4	2.2	2.2	2.3	1.5	1.4 i	1.7	2.0	1.0	1.7	1.3	'
RACE AND SEX	i	ļ	1	i i 1		1				1		1		Ì
White		74.1	78 4				81 2		82.2	80.5	80.8	81.9	81.8	8
Men	,	31.8	33.4		32.0		•	1	32.5	29.5		30.7	30.7	3
Women	41.6	42.3	45.0	45.9	48.3	47.5	47.9	48.0	49.7	51.0	52.8	51.2	51.1	50
Black			(2)				19.1	•	17.1	18.3	18.0	16.8	17.0	16
Men	(2)		(²)	83			, 7.3		6.7	6.9	,	6.8	6.6	
Women	; (²)	' (2)	i (3)	13.6	. 11.9	12.6	11.8	10.8	10.4	11.4	11.3	10.1	10.3	8
SEX AND MARITAL STATUS			:	:			!	•	! !	!		1		
Men:				•	!				:					
Single		21.7	22 9	24.9	23 1	223	. 22 6	23 3	23.5	22.3	20.9	22.1	21.9	21
Married, spouse present	.: 15 7	15 6	13.1	12 7		13.7	13.8	13.8	12.3	11.0	10.7	11.9	12.0	13
Widowed, divorced, or separated	3 9	, 3.3	3.3	. 28	3.4	3.6	3.5	, 36	3.7	3.3	3.5	3.5	3.8	4
Women					i				•		<b>!</b>	!		
Single.	17 3	18,6	18.9	20.8	21 3	20.6	21 1	21 4	21 5	23 4	: 23.2	, 22.1	22 1	21
Married, spouse present	26.5	25.7	26 5	25 6		26 9	26.8			. 27.9	29.4			
Widowed, divorced, or separated	. 14 9	. 15 1	13 2	13.2	13 2	12.9	12.1	117	. 12.1	12.2	124	12.1	13.1	12
INDUSTRY					ı I	1				1	1	:		
Wage and salary workers	90 8	919	916	922	92 0	91 1	91 6	91 7	923	91.9	90.8	91.3	91.1	90
Construction	5.6	: 62	; 61	5.0	49	5 1	. 53	5.1	; 52	47	4.3	4.7	1 4.8	
Manufacturing		-	86		1 -	8.1	1 -	1		66	6.4	,	1	1 ,
Durable				18	1	-	3.2			2.0	2.1			
Nondurable goods				. 50		5.4				4.6	4.2	5.0		
Transportation and public utilities			3.6	3.4		3.5				3.9	3.9	1	3.7	1
Wholesale and retail trade	് ഉളാ	. 28.5		32 4		1	1		34.2	:	35 2	1	36.1	3
Finance and service	. 202	4 20.0	41.4	423	413	410				,	38.4	1	37.7	30
Other industries 3							,			2.6	2.5			
Self-employed and unpaid family workers	! 9.2	8.5	8 4	7 A	: 80	. 90	85	8.2	· 7.7	8.1	9.2	8.7	8.9	
Somethicken and authoria rattilly motives	3.2	. 0.5	0 4	, 5	- 00	9.0	0.5	, 0.2	1.1	, 0.1	. 0.2	. 0.7	1 5.5	ţ

 $<sup>^{\</sup>rm I}$  Mainly persons who worked less than 35 hours during the survey week because of slack work, job changing during the week, material shortages, etc



<sup>2</sup> Not available.

<sup>3</sup> Includes mining and public administration

<sup>4</sup> Mainly persons who could find only part-time work

Table 22. Employed civilians with a job but not at work by reason for not working, 1957-82 [in thousands]

	!				Reason for	not working, all ir	ndustries	
Year	All industries	Agriculture	Nonagricultural industries	Bad weather	Industrial dispute	Vacation	Iliness	All other
957	3.017	196	2,821	139	45	1,447	962	425
	1	199	2,877	182	59	1,479	882	474
958 959	1 _11	186	2.974	115	160	1,494	907	484
338 8C8	0,101		<b>2,</b> 0. ·		1		i	
960	3,231	190	3,042	168	40	1,576	942	505
961	1 1	200	2,946	143	56	1,492	898	556
962	``_ I	178	3,103	160	33	1,533	940	615
963	1 '_ 1	174	3.327	106	41	1,655	1,000	698
1964	1	169	3,326	108	51	1,635	994	707
1904		100	0,020				1	
1965	3.525	157	3,368	79	48	1,738	1,039 ¦	621
1966 1	•	131	3.463	91	66	1,753	1,039	640
1967		130	3,701	92	107	1,974	1,102	557
1968		147	4,059	158	109	2,180	1,208	550
1969		130	4,277	123	111	2,298	1,258	618
1909	. 7,700	100	1,2			·		
1970	4.616	133	4,483	127	156	2,325	1,318	690
1971		131	4,597	123	145	2,456	1,277	720
1972	'i '	135	4,589	141	78	2,512	1,334	65
1973		152	4,805	192	75	2,626	1,369	69
1974		162	5,202	144	149	2,909	1,386	77
1977					ļ			
1975	5,221	165	5,056	139	95	2,815	1,343	82
1976		145	5,22?	100	116	2,930	1,400	82
1977	·	144	5,376	237	120	2,950	1,426	78
1978		158	5,415	238	100	2,985	1,436	81
1979		146	5,601	198	123	3,191	1,420	81
1070			1	1		ļ	1	
1980	5.882	153	5,729	155	105	3,320	1,425	87
1981		137	5,653	112	64	3,247	1,413	95
1982		139	5,573	202	36	3,153	1,331	98

<sup>&</sup>lt;sup>1</sup> Data for 1966 forward refer to persons 16 years and over; 14 years and over for prior years.



Table 23. Employed nonagricultural wage and salary workers <sup>1</sup> with a job but not at work by reason for not working, pay status, and sex, 1967-82

[In thousands]

Day at the and				  -   <del> </del>	Reaso	n for not working,	total	
Pay status and year	Total	Men	Women	Bad weather	industrial dispute	Vacation	Illness	All other
ALL WORKERS								
1967	3,332	1,930	1,402	40	106	1,836	939 1	41;
1968	3,676	2,105	1,571	70	108	2,031	1,040	421
1969	3,899	2,243	1,656	66	110	2,148	1,086	489
1970	4.050	0.074						
1971	4,059	2,274	1,785	61	154	2,170	1,153	52 <sup>-</sup>
	4,166	2,282	1,884	61	144	2,292	1,121	548
1972	4,148	<b>2,269</b> ;	1,879	69	78	2,335	1,166	500
973	4,367	2,356	2,011	112	74	2,451	1,202	528
1974	4,713	2,557	2,156	76	147	2,700	1.212	576
975	4,570	2,437	2,134	65 i	94	2,624	1,182 i	60-
1976	4,755	2,477	2,277	48	i i			607
1977	4,859	2,582	2,273	- 1	115	2,727	1,244	622
978	4,874			140	120	2,746	1,261	592
1979		2,578	2,296	125	99	2,751	1,277	623
9/9	5,055	2,626	2,430	104	121	2,951	1,272	608
1980	5,140	2,621	2,519	77	104	3,060	1,267	631
1981	5,075	2,495	2,580	55	62	2,995	1,258	705
982	4,941	2,400	2,539	162	36	2,895	1,185	860
Workers Paid			į					
967	1,878	1,224	654	_	_	1,409	267 :	100
968	2,047	1,293	753	_	1		367	102
969	2,180	1,401	779	_	/' <u>-</u>	1,566 1,650	378 ¦ 398 ¦	103 132
070				!	i			
970	2,173	1,366	808	<b>-</b> i	- 1	1,618	436	119
971	2,263	1,387	875		— i	1,724	428	113
972	2,299	1,423	876	-	- i	1,723	461	115
973	2,363	1,457	907		- 1	1,754	472	137
974	2,603	1,602	1,002	-	-	1,957	510	135
975	2,538	1,534	1,005	_ į	_	1,890	506	140
976	2,598	1,562	1,037		_			142
977	2,687	1,626		-	i	1,919	534	145
978	2,891		1,062	į	-	1,965	551	171
979	, ,	1,595	1,095		<del>-</del> ;	1,961	554	176
373	2,813	1,617	1,196	_	<b>-</b> i	2,086	551	176
980	2,906	1,639	2,498	;	_ i	2,185	536	186
981	2,934	1,625	1,309	<u></u> :	<u>- i</u>	2,137	582	218
982	2,870	1,575	1,294	_		2,088	565	217
Workers not paid				i		ļ	:	
967	1,454	706	748	<u></u>	_ !	427	572	455
968	1,629	811	817	:	_	465	662	502
969	1,719	842	878	<del>-</del> .	<u> </u>	498	688	533
970	1,887			•	ļ		:	
971		908 :	978	<del></del> ;	- i	553	718	616
The second secon	1,904	893	1,009		-	568	694	640
972	1,850	848	1,002	_	<del>-</del> :	612	705	533
973	2,003	899	1.103	<del></del> .	<del>-</del> !	697 !	729	577
974	2,110	956	1,153 <sub>±</sub>	<del></del> :	;	744	701	665
975	2,032	901	1,129			734	676	622
976	2,158	915	1,241		I	809	7:·9	640
977	2,171	956 ;	1,215		<del>_</del> .	•		
978	2,183	981 .	1,202	<del></del>	<del>-</del> :	780	710	681
979	2.243	1,008	1,202	_	_ !	791 7865	<b>723</b> 721	671 656
n <b>en</b>	0.000					•		
9 <b>80</b>	2,233 2,141	981 <sup>1</sup> 870	1.252		***************************************	875	731	627
98 <b>2</b>			1.272	_	_	858	676	607
70E	2,071	825	1.245		-	807 '	620	643

<sup>1</sup> Excludes private household workers

for "all other reasons" by pay status may be biased because of high response variance and should be used with caution



NOTE Pay status is not available separately for bad weather and industrial dispute, these categories are included in "all other reasons." Estimates

Table 24. Major unemployment indicators, 1948-82

[Unemployment rates]

Year	All civil- ian work- ers	Men, 20 years and over	Women, 20 years and over	Both sexes, 16 to 19 years	White	Black and other	Both sexes, 25 years and over	Mar- ried men	Full- time work- ers	Part- time work- ers	Unem- ployed 15 weeks and over!	Labor force time lost <sup>2</sup>	Black	His- panic origin
1040	3.8	3.2	3.6	9.2	3.5	5.9	2.9		_	_	0.5		_	_
1948	5.9	5.4	5.3	13.4	5.6	8.9	4.8				1,1	:	1	-
1949	5.8	5.4	5.3	13.4	5.0	0.5	4.0					:		
1950	5.3	4.7	5.1	12.2	4.9	9.0	4.4	-	,	_	1.3		<del></del> .	-
1951	3.3	2.5	4.0	8.2	3.1	5.3	2.8		· –		.5	· —		_
1952	3.0	2.4	3.2	8.5	2.8	5.4	2.4	_	-		.4	! :	:	-
1953	2.9	2.5	2.9	7.6	2.7	4.5	2.4	-		_	.3	· !	_ :	-
1954	5.5	4.9	5.5	12.6	5.0	9.9	4.7		-		1.3	! -	_ :	-
1955	4.4	3.6	4.4	11.0	3.9	8.7	3.6	2.8		<u> </u>	1.1	4.8	<b>-</b>	_
1956	ì	3.4	4.2	11.1	3.6	8.3	3.3	1	<u> </u>		.8	5.1	,	_
1957	1	3.6	4.1	11.6	3.8	7.9	3.4	2.8	i —	i —	.8	5.3		_
1958	4	6.2	6.1	15.9	6.1	12.6	5.6	5.1	<u> </u>	_	2.1	8.1		-
1959		4.7	5.2	14.6	4.8	10.7	4.4	3.6	i –	_	1.5	6.6		-
				14.7	4.9	10.2	4.4	3.7	_	_	1.4	6.7		_
1960		4.7	5.1		6.0	12.4	5.4	4.6	<u> </u>	_	2.2	8.0		_
1961	1	5.7	6.3	16.8	•	1	4.4	3.6		_	1.6	6.7		
1962	1	4.6	5.4	14.7	4.9	10.9	1	3.4	55	7.3	1.5	6.4		_
1963	•	4.5	5.4	17.2	5.0	10.8	4.3	1	4.9	7.2	1.3	5.8		<u> </u>
1964	5.2	3.9	5.2	16.2	4.6	9.6	3.8	2.8	4.5	1.2	1.3	3.0		
1965		3.2	4.5	14.8	4.1	8.1	0.2	2.4	4.2	6.7	1.0	5.0	_	-
1966	3.6	2.5	3.8	12.8	3.3	7.3	2.6	1.9	3.5	6.2	.7	4.2	_	; -
1967		2.3	4.2	12.9	3.4	7.4	2.€	1.8	3.4	6.9	.6	4.2	· –	-
1968	3.6	2.2	3.8	12.7	3.2	6.7	2.3	1.6	3.1	6.5	.5	4.0	_	!
1969	3.5	2.1	3.7	12.2	3.1	6.4	2.2	1.5	3.1	6.2	.5	3.9	<u> </u>	-
1970	4.9	3.5	4.8	15.2	4.5	8.2	3.3	2.6	4.5	7.6	8.	5.3	:	
1971		4.4	5.7	16.9	5.4	9.9	4.0	3.2	5.5	8.7	1.4	6.4	! <del>-</del>	; .
1972		4.0	5.4	16.2	5.1	10.0	3.6	2.8	5.1	8.6	1.3	6.0	10.4	
1973		3.3	4.9	14.5	4.3	9.0	3.1	2.3	4.4	7.9	! .9	5 2	9.4	7
1974	1	3.6	5.5	16.0	5.0	9.9	3.6	2.7	5.1	8.6	1.0	6.1	10.5	8
1075	8.5	6.8	8.0	19.9	7.8	13.8	6.0	5.1	8.1	10.3	2.7	91	14.8	12
1975		5.9	7.4	19.0	7.0	13.1	5.5	4.2	7.3	10.1	2.5	8.3	140	11
1976		5.9	7.4	17.9	6.2	13.1	4.9	3.6	6.6	9.9	2.0	7.6		10
1977	1	4.3	1	16.4	5.2	11.9	4.1	2.8	5.6	9.0	1.4	6.5		9
1978	1	4.4		16.1	5.1	11.3	3.9	2.8	5.3	8.8	1.2	6.3		8
			Ì	1					6.0		1 17	7.9	. 14.3	10
1980	1	5.9	6.4	17.8	6.3	13.1	5.1	4.2		8.8	1.7	8.5	15.6	10
1981		6.3		19.6	8.7	14.2		4.3	7.3	9.4	2.1	1		13
1982	. 9.7	8.8	8.3	23.2	8.6	17.3	7.4	6.5	9.6	10.5	3.2	11.0	18.9	į 13

Unemployment rate calculated as a percent of the civilian labor force.

economic reasons as a percent of potentially available labor force hours.



<sup>\*</sup> Aggregate hours lost by the unemployed and persons on part time for

Table 25. Unemployed persons by sex, race, and age, 1948-82 [in thousands]

	16 years	1(	8 to 19 year	8		20	years and o	197	,	55 to 64	65 years
Year, sex, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	-15 to 54 years	years	and over
TOTAL								! [			
948 949	2,276 3,637	409 576	178 238	228 337	1,869 3,060	455 690	457 776	347 603	290 471	226 384	9; 14(
950	3,281	513	226	287	2,776	561	702	530	476	368	13
951	2,050	338	168	168	1,718	273	435	354	318	238	10
952	1,883	345	180	165	1,539	268	389	325	274	195	8
953		307	150	157	1,529	256	379	325	280	218	70
954	3,532	501	221	247	3,032	504	793	680	548	374	13
955		450	211	239	2,403	396	577	521	436	355	12
956		478	231	247	2,274	395	554	476	429	311	10
957	2,859	497	230	266	2,362	430	573	499	448	300	11
958 959	4,602 3,740	678 654	299 301	379 354	3,923 3,085	701 543	993 726	871 673	731 603	472 405	15- 13:
960		712	324	387	3,140	583	752	671	614	396	12
961	4,714	828	363	465	3,886	723	890	850	751	518	15
962	3,911	721	311	409	3,191	636	712	688	605	411	14
963	4,070	884	420	462	3,187	658	732	674	589	410	12
964	3,786	672	436	437	2,913	660	607	605	543	378	11
965	3,366	674	411	463	2,491	557	529	546	636	322	10
966		837	395	441	2,041	446	441	428	369	265	9:
967	2,975	839	401	438	2,138	511	480	422	383	256	8
968		838	413	426	1,978	543	443	371	314	219	8
969	2,832	853	436	416	1,979	560	453	358	320	216	7:
970		1,106	537	569	2,987	866	718	515	476	309	10
971	5,016	1,262	5 <b>96</b>	665	3,755	1,130	933	630	573	381	10
972		1,308	633	678	3,573	1,132	878	576	510	368	11
973 974	4,365 5,156	1,235 1,422	634 699	600 722	3,130 3,733	1,008 1,212	866 1,044	451 559	430 498	290 321	84 91
975	7,929	1,767	799	968	6,161	1,865	1,776	951	893	520	159
976	7,406	1,719	796	924	5,687	1,714	1,710	849	758	F 10	14
977	6,991	1,663	781	881	5,330	1,629	1,650	785	666	450	14
978	6,202	1,583	796	787	4,620	1,463	1,422	694	552	345	12
979	6,137	1,555	73 <b>9</b>	816	4,583	1,442	1,446	705	540	346	10-
980	7,637	1,669	778	890	5,969	1,835	2,024	940	576	399	9
<b>9</b> 81	8,273	1,763	781	981	6,510	1,976	2,211	1,065	715	444	90
982	10.678	1,977	831	1,145	6,701	2,392	3,037	1,552	966	647	107
Men	4.550		440		4.004				201	470	
948 949	1,559 2,572	255 352	112 145	143 207	1,304 2,220	324 485	289 539	233 414	201 347	178 310	81 125
950	2,239	318	139	179	1,921	377	467	348	327	288	111
951		191	102	89	1,030	155	241	192	193	162	6
952		205	116	89	960	155	233	192	182	145	7:
953 954	1,202 2,344	184 310	94 142	90 168	1,018 2,034	152 327	236 517	208 431	196 372	167 275	60 112
955		274	134	140	1,580	248	353	328	285	265	10
956 957		2 <del>6</del> 9 299	134 140	135 159	1,442 1,542	240 283	348 349	278 304	270 302	216 220	8.
958		416	185	231	2,682	478	685	552	492	349	12
959		398	191	207	2,022	343	483	407	390	287	11:
960	2 486	425	200	225	2,061	369	492	415	392	294	94
961	2,997	479	221	258	2,518	457	585	507	473	374	12
962	2,423	407	187	220	2,016	381	446	405	381	300	10
963		500 487	248 257	252 230	1,972 1,718	396 384	444 345	386 323	358 319	289 262	9°
	i										
965	1.914	479	247	232	1,435	311	293	284	253	221	7: 6:
966		432	220	212 207	1,119 1,060	221 235	238 219	219 185	197 199	180 164	60
968		448 427	241 234	193	992	255 258	205	171	165	132	61
	1.→15	761	244	197	962	270	205	155	157	127	48



Table 25. Unemployed persons by sex, race, and age, 1948-82—Continued [in thousands]

·		16 years		6 to 19 year	<b>.</b>	• • • • • • • • • • • • • • • • • • • •		years and o	·	·	55 to 64	65 yea
Year, sex, and r		and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	years	and ov
Men Continu	ed				ļ <sup>i</sup>							i
70		2.238	599	306	294	1,638	79	391	253	247	198	•
71		2,769	693	346	347	2,097	i <b>64</b> 0	513	320	313	239	
72		2,659	711	357	355	1,948	628	466	284	272	227	
73		2,275	653	352	300	1,624	528	439	211	219	171	i
74		2.714	757	394	362	1,957	649	546	266	250	183	i <b>i</b>
75		4,442	966	445	521	3,476	1,081	986	507	499	302	¦ 1
78		4,038	939	<b>∔43</b>	496	3,098	951	914	431	411	298	: !
77		3,667	874	421	453	2,794	877	869	373	326	252	1
76		3,142	813	428	388	2.328	768	691	314	277	198	
79		3.120	811	393	418	2,308	744	699	329	272	198	
80		4,267	913	429	485	3,353	1.076	1,137	482	357	243	
81		4,577	962	431	531	3,615	1,144	1,213	552	390	261	
82		6,179	1,090	469	621	5,089	1,407	1,791	879	550	393	i
		5,	.,000		,	2,000		]	[		į	
Women		747	450		0.0	rer	100	169	113	90	49	
48		717	152	66	86	565	132		189	124	74	İ
149		1,065	223	93	130	642	195	235	109	124	/~	ļ
50	!	1,049	195	87	108	654	194	435	182	151	82	}
51		634	145	66	79	689	118	194	182	125	.76	
052		699	140	64	76	558	113	156	133	92	50	1
53	I	632	123	56	67	509	104	143	117	84	51	i
954		1,188	191	79	112	997	177	276	249	176	99	i
	j	000	476		99	822	148	224	193	151	90	
955		998	176	77 97	112	830	155	206	198	159	95	i
956		1,039	209	90	107	621	147	224	195	146	80	]
)57	1	1,018	197		148	1,242	223	308	319	239	122	
958		1,504 1,320	262 256	114	146	1,064	200	242	266	214	119	İ
959		1,320	250	1	140	1,004	1		i	}	1	
960		1,366	286	124	162	1,080	214	260	256	222	101	
961		1,717	349	142	207	1,368	265	304	342	278	141	
962		1,488	313	124	189	1,175	255	267	283	223	111	
963		1,598	363	172	211	1,215	262	286	287	231	120	
964		1,581	386	179	207	1,195	276	262	281	223	122	
<b>36</b> 5		1,452	395	164	231	1,057	246	236	263	183	101	
966		1,324	404	175	229	920	224	201	207	173	86	!
967		1,468	391	160	231	1,077	277	261	237	185	93	
968		1,397	412	179	233	985	285	238	199	149	67	
<b>)6</b> 9		1,428	412	192	220	1,016	290	247	203	163	89	
70	Ì	1,855	506	231	275	1,349	387	327	262	229	111	
971	1	2,227	568	250	318	1,658	489	420	310	260	142	ļ
972		2,222	598	276	322	1,825	503	413	293	237	141	1
973		2,089	583	282	301	1,507	i .	427	240	212	119	
974		2,441	665	305	360	1,777	564	497	294	248	137	
.=-		0.406	000	055	447	2,684	763	791	444	395	219	
975		3,486	602	355	447	1	763	795	417	346	214	!
976		3,369	780	352	429	2,588	752	782	412	340	198	
977		3,324	789	361	426 399	2,535 2,292	714	731	381	275	148	į
978 979		3,061 3,016	769 743	370 346	396	2,276	697	748	375	268	150	¦
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			740	i		Ì	1			ļ	4	
<del>3</del> 80		3,370	755	349	407	2,615	760	686	459	318	155 184	
981		3,696	800	350	450	2,895	833	998	513	325 416	1	!
982	•••••	4,499	886	362	524	3,613	985	1,246	0/3	710	1.54	•
WHITE					i		1 004			447	329	i L
954	,	2,859	423		232	2.436		610	540	358	300	
955	i	2,252	373		1	1,879	304	412	402	355	258	!
956	1	2,159	382	191	191	1,777	297	406	363	373	282	:
957		2.289	401	195	204	1,888	331	425	401	614	405	:
958		3,680	541	245	297	3,139	541	756	688	498	348	į
959	'	2.946	525	255	270	2,421	406	526	525	480	340	1
960		3,065	575	273	302	2,490	456	573	520	502	330	
961		3,743	669		374	3.074	566	668	1		438	
		3.052	580	262	318	2,472	488	515	522	485	345	



Table 25. Unemployæd persons by sex, race, and age, 1948-82—Continued [in thousands]

Veer sev and rece	16 years		6 to 19 year	<b>3</b> 		عد '	years and o	ver !		55 to 64	65 year
Year, sex, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	years	
WHITE—Continued			,	!			!	İ			· ·
963	3.208	708	350	358	2,500	501	540	518	485	349	: 10
964		708		342		508		472	477		
	!							1			l
965	2,691 i	705	329	374	1,986	437	399	427	358	276	; 9
966	2,255	65 1	315	336 1	1,604	338	323	336	298	227	. 8
967	2,338	635	311	325	1,703	393	360	336	321	221	7
968	2.226	644	326	318	1,582	422	i 330	297	269	187	: 8
969	2,260	660	351	309	1,601	432	354	294	269	185	. 6
				Ţ							i
970	3,339	871	438	432 !	2,468	679	570	433	415	275	. (
971		1,011	491	521 ,	3,074	887	732	517	500	338	i 10
972	3,906	1,021	515	506	2,885	887	679	459	439	324	!
973	3,442	955	513	443	2,486	758	664	358	371	257	
974	4,097	1,104	561	544	2,993	925	821	448	427	283	
				i							
975	6,421	1,413	657	755	5,007	1,474		774	753	460	1:
976	5,914	1,364	649	715	4,550	1,326	1,329	682	637	448	1.
977		1,284	636	648	4,157	1,195	1,255	621	569	388	1:
978	4,698	1.189	631	558	3,509	1,059		543	453	290	1
979		1,193	589	603	3,472	1,038	1,068	545	443	290	
	1			i		-					
980		1,291	625	666 :	4,593	1,364	1,528	740	550	335	· .
981	6,343	1,374	629	745	4,968	1,449	1,658	827	578	379	
982		1,534	683	851	6,707	1,770	2,283	1,223	796	549	. (
				:	-						
Men								:	!		
954	1,913	266	125	142 1	1,647	260	408	341	299 <sub>!</sub>	241	!
955	1,475	232	114	117	1,246	196	260	246	233	223	1
956	1.368 !	221	112 ;	108	1,145	186	265	212	225	177	l ;
957	1,478 i	243	118 ;	124	1,234	222	257	239	250 i	1 <b>9</b> 3	
958	2,488	333	149	184	2,156	382	525	436	404	299	1
959	1,904;	318	100	156	1,585	256	350	316	320	245	
	1	•							i		
960	1,987	341	167	174	1,647	295	376	330 i	317	243	
961	2,398	384	176 '	208	2.014	370	442	395	382	318	10
962	1,915	334	158	176	1,581	300	332	311	308 :	246	
963	1.976	407	211	196 :	1,569	309	342	297	294	246	
964	1,779	400	217	183	1,379	310	262	255	266 ,	216	
	'		ı				١ ,	: !	i		
965	1,556	387	200	186	1,169	254	226	228	206	190	(
966	1,240 ‡	340	178 1	162	801	172	185	173	160	154	:
967	1,208	342	186	156	866	185	171	153	167 '	140	
968 <b>.</b>	1,142 ±	328	185	143 ı	814	206	162	140	142 '	111	
969	1,137	343	198	145	794	214	165	130	134 (	108	
	•		'		-	:	:		•		
970		485	255	230	1,372	388	316	212	216 '	177	
971,	2,309	562	288	275	1.747	513	418	268	272	211	. (
972	2,173	564	288	276	1,610	506	375	231	237	199 .	. (
973	1,836	513	284	229	1,323	411	353	166 :		153	
974		584	311	274	1,585			218	213	161	
			ļ.				, , ,		ļ		
975		785	369	416	2,841 <sup>1</sup>	871	796	412	411	265	1
976	3,258	754 <sup>°</sup>	368 <sup>1</sup>	385	2,504	<b>750</b> .	730	346	341 1	259	,
977	2.883	672		330	2,211	660	682	297	276	213	
978		615	338	277	1.797	558	525	250			
						,			!	:	
979	2.405	633 -	319	313	1.773	553	526	253	220	165	
980	3.345	716	347	369	2.629	827	884 '	378	291	206	•
981	3,580	755	349	406	2.825	869	943	433 :	317	221	
982	4.846	854	387	467	3,991 ;	1,066	1,385	696	460	331 -	
144											
Women	0.43		20		700			100			
954	947	157	66	90	789	134	202	199	148	88	
955	773	141	67	74	633	108 :		156	125	77 .	
956	794	161	79	83	632	111	141	151	130		
957	811	158	77	80	654	109	168	162	123	69	
958	1,191	208	96	113	983	159	231	250 ,	210	106	
959	1,044	207	93	114	836	150	176	209		103 -	;
960	1.076	234	106	128	643	161	19 <i>7</i>	190	185	87	
961	1,344	285	119	16 <b>6</b>	1.060	196	226	257	229	120	:



Table 25. Unemployed persons by sex, race, and age, 1948-82—Continued [in thousands]

	16 years		8 to 19 year	9		20	years and o	V81		55 to 64	; 65 year
Year, sex, and race	and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	years	and ove
Women—Continued											:   
963	1,232	301	139	162	931	192	198	221	191	103	: :
964		308	148	159	912	198	179	217	181	107	:
			_					_	_		į
965	1,135	318	129	188	817	183	173	199	152	86	i
966		311	137	174	703	166	138	163	138	73	
967		293	125	169	837	209	189	183	154	81	İ
968		316	141	175	768	216	168	157	127	76	i
969		317	153	164	806	218	189	164	135	77	:
970	1,124   1,482	386	183	202	1.096	291	254	221	199	98	1
971		449	203	246	1.328	376	314	249	228	126	i
972	1,733	457	203	230	1,275	381	304	227	202	125	:
973	1,606	442	228	214	1,164	347	311	192	183	104	i
974		579	250	270	1,408	420	387	230	214	122	1
<i>71</i> 7	1.527	3/3	230	2,0	1,400	720	00,	200			!
975	2,794	628	288	340	2,166	602	617	362	342	195	
976		611	260	330	2,045	577	598	336	296	188	:
977		612	234	318	1,946	536	573	323	293	175	}
978		574	292	281	1,713	500	533	294	226	122	
979	2,260	560	270	290	1,699	485	542	293	223	125	ļ
	!		•		-						1
980		576	278	298	1,964	537	645	362	259	; 17	!
981	2,762	620	281	339	2,143	580	715	394	261	158	!
982	3.395	680	296	384	2,715	704	898	527	337	217	İ
BLACK											!
972	906	279	113	167	627	226	183	106	62	37	!
973		262	114	148	584	231	181	62	53	29	l
974		297	127	170	666	261	201	95	65	33	f ;
	;							1	<b>!</b> !		1
975	1,369	330	130	200	1,040	362	321	157	126	54	
976 . <b>.</b>	1,334 ;	330	134	195	1,005	350	338	145	101	54	İ
977	1,393	354	135	218	1,040	397	355	140	81	51	
978		360	150	210	972	379	320	127	82	47	
979	1,319	333	137	197	986	369	335	137	82	48	i
000	4 550	040	104	201	4 000	406	400	171	109	53	1
980		343	134	210	1,209	426	433 493	207	119	55	i
981		357	138	219	1,374	483	•	278	141	84	į
982	2,142	396	130	266	1,747	565	662	270	! '7'	57	
Men	i :		'	:			<u> </u>	i !	!		1
972	448	143	66	77	305	113	84	45	] 31	23	; i
973	395	128	62	66	267	108	75		27	16	
974	494	159	75	92	336	129	103	41	35	19	!
				!	574		100	i	70	33	!
975		170			571	195	j 169	83	78	1	i
976		170			528	185	166	73	60	32 31	
977		187			512	197	170	63	40	24	!
978		180	80	. 1	462	185		53 66	40	27	
979	636	164	68	97	473	174	152	••	77	2,	•
980	815 ·	179	72	108	636	222	222	88	60	32	i
981		188		115	703	248	245	102	65	32	
982		213			954	304	355	154	74	54	Į
	1,107	2.0	, ·-		334				I		
Women										44	<u> </u>
972	1	136		90	332	113	99	61	31	14	į
973		134		. ,	317	123	105	45	26	13	ļ
974	470	139	51	87	331	132	98	55	30	14	i
975	629	160	60	100	469	167	153	75	48	22	1
		160	66	93	409	165	172	73	41	23	i
		160		104	528	200	185	77	41	21	:
		179		110	526 510	194	173	74	41	23	
070	620	169	69	i	513	195	183	71	38	21	:
979	683	109			313		100	!		ĺ	I
980	738	164	62	102	574	204	211	83	49	21	•
004	840 :	169		· · ·	671	1	248	105	54	23	
JU 1 .				, <del>-</del> .			307			29	



Table 26. Unemployment rates by sex, race, Hispanic origin, and age, 1948-82 [Civilian workers]

	16	16	to 19 yea	rs		,	20 y	ears and o	ver	•	•
Year, sex, race, and Hispanic origin	years and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
TOTAL		·								:	
949	3.8 5.9	9.2 13.4	10.1 14.0	8.6 13.0	3.3 5.4	6.2 9.3	3.2 5.4	2.6 4.4	2.7 4.2	3.1 5.2	
950	5.3	12.2	13.6	11.2	4.8	7.7	4.8	3.8	4.2	4.8	4.5
951	3.3	8.2	9.6	7.1	30	4.1	3.0	2.5	2.7	3.1	3.4
952	3.0	8.5	10.0	7.3	2.7	4.6	2.6	2.3	2.3	2.4	2.9
953	2.9 5.5	7.6 12.6	8.7 13.5	6.8 10.7	2.6 5.1	4.7 9.2	2.5 5.3	2.2   4.5 <sub> </sub>	2.3 4.4	2.7 4.5	2.2 4.1
955	4.4	11.0	12.3	10.0	3.9	7.0	3.8	3.4	3.4	4.2	3.0
956	4.1	11.1	12.3	10.2	3.7	6.6	3.7	3.0	3.2	35	3.
957	4.3	11.6	12.5	10.9	3.8	7.1	3.9	3.1	3.3	3.4	3.4
958	6.8	15.9	16.4	15.5	6.2	11.2	6.8	54	5.2	5.2	4.1
959	5.5	14.6	15.3	14.0	4.8	8.5	5.0	4.2	4.2	4.4	4.3
960	5.5	14.7	15.5	14.1	4.8	8.7	5.2	4.1	4.1	4.2	3.8
961 962	6.7	16.8	18.3	15.8	5.9	10.4	6.2	5.2	5.0	5.4	5.1
<del>3</del> 63	5.5 5.7	14.7 17.2	16.3 19.3	13.6 15.6	4.9 4.8	9.0 8.8	5.1 5.2	4.1 4.0	4.0 3.8	4.2 4.1	4.5 4.1
964	5.2	16.2	17.8	14.9	4.3	8.3	4.3	3.8	3.5	3.7	3.8
965	4.5	14.8	16.5	13.5	3.6	6.7	3.7	3.2	2.8	3.1	3.3
966	3.8	12.8	14.8	11.3	2.9	5.3	3.1	2.5	2.3	2.5	3.0
967	3.8	12.9	14.6	11.6	3.0	5.7	3.2	2.5	2.4	2.4	2.8
968 969	3.6 3.5	12.7 12.2	14.7 14.5	11.2 10.5	2.7 2.7	5.8 5.7	2.8 2.8	2.2 2.2	1.9 1. <del>9</del>	2.0 1.9	2.8 2.2
970	4.9	15.3	17.1	13.8	4.0	8.2	4.2	3.1	2.8	2.7	3.2
971	5.9	16.9	18.7	15.5	4.9	10.0	5.3	3.9	3.4	3.3	3.5
972	5.6	16.2	18.5	14.6	4.5	9.3	4.6	3.5	3.0	3.2	3.6
973	4.9	14.5	17.3	12.4	3.9	7.8	4.2	2.7	2.5	2.8	3.0
974	5.6	16.0	18.3	14.2	4.5	9.0	4.8	3.3	2.9	2.8	3.4
975	8.5	19.9	21.4	18.9	7.3	13.6	7.8	5.6	5.2	4.6	5.3
976	7.7	19.0	21.1	17.4	6.5	12.0	7.1	4.9	4.5	4.5	5.1
977 978	7.0   6.0	17.8 16.4	19.9 19.3	16.2 14.2	5.9 5.0	10.9 9.5	6.4 5.3	4.4 3.7	4.0 3.3	3.9 2.9	5.1 4.0
979	5.8	16.1	18.1	14.6	4.8	9.0	5.1	3.6	3.2	2.9	3.4
980	7.1	17.8	20.0	16.2	6.1	11.5		4.6	4.0	3.3	3.1
981	7.6	19.6	21.4	18.4	6.5	12.3	7.3	5.0	4.2	3.7	3.2
982	9.7	23.2	24.9	22.1	8.6	14.9	9.7	6.9	5.7	5.4	3.5
<b>Men</b> 948	3.6	9.8	10 1	9.6	3.2	6.9	2.8	2.4	2.5	3.1	3.4
949	5.9	14.3	13.7	14.6	5.4	10.4	5.2	4.3	4.3	5.4	5.1
950	5.1	12.7	13.3	12.3	4.7	8.1	4.4	3.6	4.0	4.9	4.8
951	2.8	8.1	9.4	7.0	2.5	3.9	2.3	2.0	2.4	2.8	3,5
952		8.9	10.5	7.4	2.4	4.6	2.2	1.9	22		3.0
95 <b>3</b>	2.8 5.3	7.9 13.5	8.8 13.9	7.2 13.2	2.5 <sup>1</sup> 4.9 <sup>1</sup>	5.0 10.7	2.2 4.8	2.0 4.1	2.3 4.3		2.4 4.4
955	4.2	11.6	12.5	10.8	3.8	7,7	3.3	j 3.1 ∤	3.2	4.3	4.0
956	!	11.1	11.7	10.4	3.4		3.3	2.6	3.0	3.5	3.5
957	1	12.4	12.4	12.3	3.6			2.8	3.3	3.5	3.4
958	6.8	17.1	16.3	17.8	6.2	14	65	5.1	5.3	5.5	5.2
959	5.2	15.3	15.8	14.9	4.7 i	8,	4.7	3.7	4 1	4.5	4.8
960	_ '	15.3	15.5	15.0		8.9	4.8		41	46	4.2
961	6.4	17.1 : 14.7 :	18.3		5.7	107: 89			4 9 3.9	57 46	<b>5</b> 5 <b>4</b> .8
	5.2 5.2		15.9 <sup>1</sup> 18.8	15.9	4.6 - 4.5	88	4.5	3.5	3.9	43	4.5
963	_		17.1		39	8.1	3.5		3.2	3.9	4.0
	4 0	14 1	16 1	12.4	3.2	6.3 <sup>:</sup>	<b>3</b> 0 :	2.6 .	2 5	33	3 5
n.fi :	3 2	117	13.7	102	2.5	4 6	24	20	20	26	3 1
P5 7	3 1		14 5	10 5	23	4 7	21	17'	19	24	28
-jr-K -jrs-F	29		13 9	97	22	51	19	16	16	19	29
	2.8	11.4	138	94	21	5 1	19	15	1.5	18	22



Table 26. Unemployment rates by sex, race, Hispanic origin, and age, 1948-82—Continued [Civilian workers]

	16	16	to 19 yea	rs			20 y	ears and c	ver	y <del></del>	
Year, sex, race, and Hispanic origin	years and over	Total	16 to 17 years	16 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Men—Continued											
970	4.4	15.0	18.9	13.4	3.5	6.4	3.4	2.4	2.4	2.8	3.3
971	1	16.8	16.6	15.0	4.4	10.3	4.4	3.1	3.0	3.3	3.4
	) i								2.8	3.2	3.0
972		15.9	18.2	14.0	4.0	9.2	3.7	2.7		1	
973		13.9	17.0	11.4	3.3	7.3	3.3	2.0	2.1	2.4	3.0
974	4.8	15.6	18.5	13.3	36	8.7	3.9	2.6	2.4	2.8	3.
.7.						4.5					_
975	, ,	20.1	21.8	19.0	6.6	14.3	7.0	4.9	4.8	4.3	5.
76		19.2	21.4	17.6	5.9	12.0	6.2	4.1	4.0	4.2	5.
77		17.3	19.5	15.6	5.2	10.7	5.6	3.5	3.2	3.5	5.
	5.2	15.6	19.2	13.2	4.3	9.1	4.3	2.6	2.6	2.7	4.
79	5.1	15.9	17.9	14.2	4.2	8.8	4.2	2.9	2.7	2.7	3.
			İ	1							
80	6.9	18.3	20.4	16.7	5.9	12.5	6.7	4.1	3.6	3.4	3.
81		20.1	22.0	18.6	6.3	13.2	6.9	4.5	4.0	3.6	2.
82		24.4	28.4	23.1	8.6	16.4	10.1	6.9	5.6	5.5	3.
	5.5	-7.7	10.4	20.1	0.0	10.7		0.5	3.0	5.5	J.
Women				<b>,</b>							_
4849	, ,	8.3 12.3	9.8 14.4	7.4   11.2	3.6 5.3	4.9 7.3	4.3 5.9	3.0 4.7	3.0 4.0	3.1 4.4	2. 3.
~ <i>a</i>	6.0	12.3	1 ***	11.2	5.5	7.3	3.8	4.7	4.0	4.4	3.0
50	5.7	11.4	14.2	9.8	5.1	6.9	5.7	4.4	4.5	4.5	3.4
51	1 1	8.3	10.0	7.2	4.0	4.4	4.5	3.6	3.5	4.0	2.9
52	1 1	8.0	9.1	7.3	3.2	4.5	3.6	3.0	2.5	2.5	2.2
	} 1			,		1					1.4
53	3.3	7.2	6.5	6.4	2.9	4.3	3.4	2.5	2.3	2.5	
54	6.0	11.4	12.7	10.5	5.5	7.3	6.6	5.3	4.6	4.8	3.0
55	4.9	10.2	12.0	9.1	4.4	6.1	5.3	4.0	3.6	3.8	2.3
56	4.6	11.2	13.2	9.9	4.2	6.3	4.6	3.9	3.6	3.6	2.3
57	4.7	10.6	12.8	9.4	4.1	6.0	5.3	3.8	3.2	3.0	3.4
	1 1		l f			1					
58 59	6.8	14.3	16.8	12.9	6.1 5.2	6.9 6.1	7.3 5. <del>9</del>	6.2 5.1	4.9 4.2	4.5 4 1	3.6 2.6
98	5.9	13.5	14.4	12.9	3.2	0.1	3.5	3.1	7.2	7'	2.0
60	5.9	13.9	15.4	13.0	5.1	8.3	6.3	4.6	4.2	3.4	2.0
61	1	16.3	16.3	15.1	6.3	9.6	7.3	6.3	5.1	4.5	3.9
62		14.6	16.6	13.5	5.4	9.1	6.5	5.2	4.1	3.5	4.
		1				- 1		5.1	4.2	3.6	3.
63		17.2	20.3	15.2	5.4	8.9	6.9				
84	6.2	16.6	16.6	15.1	5.2	8.6	6.3	5.0	3.9	3.5	3.4
65	5.5	15.7	17.2	14.6	4.5	7.3	5.5	4.6	3.2	2.8	2.0
66				. 1		6.3	i	3.6	2.9	2.3	2.0
		14.1	18.6	12.6	3.8	7.0	4.5 5.4	4.0	3.1	2.4	2.7
/67		13.5	14.8	12.7	4.2			_ ,	_		
68	1 1	14.0	15.9	12.9	3.6	6.7	4.7	3.4	2.4	2.2	2.7
69	4.7	13.3	15.5	11.8	3.7	6.3	4.6	3.4	2.6	2.2	2.:
70	5.9	15.0	174	14.4	40	7.9	5.7	4.4	3.5	2.7	3.
		15.6	17.4		4.6		- (				3. 3.
71		17.2	18.7	16.2	5.7	9.6	7.0	5.2	4.0	3.3	
72	i . 1	16.7	18.6	15.2	5.4	9.3	6.2	4.9	3.6	3.3	3.9
73	!	15.3	17.7	13.5	4.9	8.4	5.8	3.9	3.2	2.8	2.9
74	6.7	18.5	18.2	15.4	5.5	9.5	6.2	4.6	3.7	3.3	3.
75	9.3	19.7	21.2	18.7		12.7	9.1	6.9	5.9	5.1	5.
	1		ı L	1	6.0		_ {	1		. 1	5. 5.
76		18.7	20.7	17.3	7.4	11.9	8.5	6.1	5.2	4.9	
77	3	16.3	20.4	16.6	7.0	11.2	7.7	5.6	5.1	4.5	4.
78	1 1	17.1	19.5	15.3	6.0	10.1	6.7	5.0	4.0	3.2	3.
79	6.6	16.4	16.3	15.0	5.7	9.6	6.4	4.6	3.9	3.2	3.
30	7.4	17.2	19.6	15.8	۵.4	10.4	7.2	5.3	4.5	3.3	3.
	1			1	6.4	_ 1		,			3. 3.
81		19.0	20.7	17.9	6.8	11.2	7.7	5.7	4.8	3.8	
82	9.4	21.9	23.2	21.0	6.3	13.2	9.3	7.0	5.9	5.2	3.
WHITE		1				1		-			
54	50	12.1	13.2	11.3	4.6	6.3	4.6	4.0	4.0	4.3	3.
55	1 1	10.4	12.0	9.2	3.4	6.2	3.1	2.9	3.1	3.8	3.
56		10.1	11.5	9.0	3.2	5.7	3.1	2.6	2.9	32	3
57		10.6	11.9	9.6	3.4	6.3	3.3	2.6	3.0	3.2	3.4
		i	. 1	. 1				1	4.8	4.9	
158		14.4	152	13.9	5.6	9.9	5.9	4.6		i	4.6
4E 13	4.8	13.1	14.4 i	12.1	4.3	7.3 1	4.2	3.7	3.8	4.1 i	4.1



Table 26. Unemployment rates by sex, race, Hispanic origin, and age, 1948-82—Continued [Civilian workers]

		40	16	to 19 year	8			20 y	ears and o	Ver	r	
Year	, sex, race, and Hispanic origin	16 years and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 year and ove
	WHITE—Continued								Ì			
<b>6</b> 0		5.0	13.5	14.8	12.6	4.3	7.9	4.5	3.6	3.8	3.9	;
		6.0	15.3	16.7	14.4	5.3	9.4	5.3	4.5	4.5	5.0	•
62	Ì	4.9	13.3	15.3	12.0	4.2	7.9	4.2	3.6	3.6	3.9	•
83		5.0	15.5	17.9	13.7	4.2	7.7	4.4	3.5	3.5	3.8	:
		4.6	14.8	18.5	13.3	38	7.3	3.6	3.2	3.2	3.5	
								0.0	امما		20	
		4.1	13.4	14.8	12.3	3.3	1 1	3.2	2.9	2.5	2.9	
		3.4	11.2	13.3	9.7	2.6	4.6	2.6	2.3	2.1	2.4	
		3.4	11.0	12.8	98	2.7	5.0	2.7	2.3	2.2	2.3	
		3.2	11.0	12.9	9.6	2.5	5.2	2.4	2.0	1.8	1.9	
39		3.1	10.7	13.0	8.9	2.4	5.0	2.5	2.0	1.8	1.8	
20		4.5	13.5	15.5	11.9	3.7	7.3	3.8	3.0	2.7	2.7	
-		5.4	15.1	17.0	13.8	4.5	9.0	4.7	3.6	3.3	3.3	
		5.4 5.1	14.2	18.8	12.3	4.1	8.4	4.1	3.2	2.9	3.1	
		4.3	12.6	15.4	10.4	3.5	6.8	3.7	2.5	2.4	2.5	
		5.0	14.0	16.3	12.2	4.1	8.0	4.4	3.1	2.8	2.8	
•		3.0	14.0	10.5	'		0.0		, 5			
'5		7.8	17.9	19.5	16.7	8.7	12.3	7.1	5.2	4.9	4.5	
8		7.0	18.9	19.0	15.3	5.9	10.7	8.3	4.5	4.2	4.3	
77		8.2	15.4	17.9	13.5	5.3	9.3	5.7	4.0	3.8	3.7	
8		5.2	13.9	17.0	11.5	4.3	8.0	4.6	3.3	3.0	2.7	
9		5.1	14.0	18.1	12.4	4.2	7.6	4.4	3.2	3.0	2.7	
	j							!				
		8.3	15.5	17.9	13.8	5.4	9.9	6.1	4.2	3.7	3.1	
		6.7	17.3	19.2	15.9	5.7	10.4	6.3	4.5	3.9	3.5	
B2		8.8	20.4	22.8	18.8	7.6	12.8	8.5	8.3	5.4	5.1	
	Men								_			
i4		4.8	13.4	14.0	13.0	4.4	9.8	4.2	3.8	3.8	4.3	
55		3.7	11.3	12.2	10.4	3.3	7.0	2.7	2.6	2.9	3.9	
		3.4	10.5	11.2	9.7	3.0	6.1	2.8	2.2	2.8	3.1	}
		3.8	11.5	11.9	11.2	3.2	7.1	2.7	2.5	3.0	3.4	
		8.1	15.7	14.9	16.5	5.5	11.7	5.6	4.4	4.8	5.2	
59		4.6	14.0	15.0	13.0	4.1	7.5	3.8	3.2	3.7	4.2	
		1	440	446	40.5	4.2	8.3	4.1	3.3	3.6	1	
เก		A A	1 141)		13.5					, 3.0	4.1	ł
		4.8 5.7	14.0 15.7	14.6 16.5	13.5 15.1	l i	1 1	1	.,	4.4	4.1 5.3	
31		5.7	15.7	16.5	15.1	5.1	10.0	4.9	1 1	1	3	
31 32		5.7 4.6	15.7 13.7	16.5 15.1	15.1 12.7	5.1 4.0	1 1	1	.}	4.4	5.3	
31 32 33		5.7 4.6 4.7	15.7 13.7 15.9	16.5 15.1 17.8	15.1 12.7 14.2	5.1	10.0 8.0 7.8	4.9 3.8 3.9	ز. 1.ن	4.4 3.5	5.3 4.1	
31 82 63		5.7 4.6 4.7 4.1	15.7 13.7	16.5 15.1 17.8 16.1	15.1 12.7	5.1 4.0 3.9 3.4	10.0 8.0 7.8 7.4	4.9 3.8 3.9 3.0	.) 2.1 2.9 2.5	4.4 3.5 3.3 2.9	5.3 4.1 4.0 0.5	
81 62 63 64		5.7 4.6 4.7 4.1	15.7 13.7 15.9	16.5 15.1 17.8	15.1 12.7 14.2	5.1 4.0 3.9 3.4 2.9	10.0 8.0 7.8 7.4 5.9	4.9 3.8 3.9 3.0 2.6	.) J.1 L.9 2.5 2.3	4.4 3.5 3.3 2.9 2.3	5.3 4.1 4.0 0.5	
81 82 83 84		5.7 4.6 4.7 4.1 3.6 2.8	15.7 13.7 15.9 14.7	16.5 15.1 17.8 16.1	15.1 12.7 14.2 13.4	5.1 4.0 3.9 3.4	10.0 8.0 7.8 7.4 5.9 4.1	4.9 3.8 3.9 3.0 2.6 2.1	.) 2.1 2.5 2.3 1.7	4.4 3.5 3.3 2.9 2.3 1.7	5.3 4.1 4.0 0.5 3.1 2.5	
31 52 53 54 55		5.7 4.8 4.7 4.1 3.6 2.8	15.7 13.7 15.9 14.7	16.5 15.1 17.8 16.1 14.7 12.5 12.7	15.1 12.7 14.2 13.4	5.1 4.0 3.9 3.4 2.9	10.0 8.0 7.8 7.4 5.9 4.1 4.2	4.9 3.8 3.9 3.0 2.6 2.1 1.9	.) 2.1 2.5 2.5 2.3 1.7 1.6	4.4 3.5 3.3 2.9 2.3 1.7 1.8	5.3 4.1 4.0 0.5 3.1 2.5 2.2	
31 62 63 64 65 67		5.7 4.6 4.7 4.1 3.6 2.8	15.7 13.7 15.9 14.7 12.9 10.5	16.5 15.1 17.8 16.1 14.7 12.5	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2	5.1 4.0 3.9 3.4 2.9 2.2	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7	.) 2.1 2.9 2.5 2.3 1.7 1.6 1.4	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7	
31 32 33 34 35 36 37 38		5.7 4.8 4.7 4.1 3.6 2.8 2.7	15.7 13.7 15.9 14.7 12.9 10.5 10.7	16.5 15.1 17.8 16.1 14.7 12.5 12.7	15.1 12.7 14.2 13.4 11.4 8.9 9.0	5.1 4.0 3.9 3.4 2.9 2.2 2.1	10.0 8.0 7.8 7.4 5.9 4.1 4.2	4.9 3.8 3.9 3.0 2.6 2.1 1.9	.) 2.1 2.5 2.5 2.3 1.7 1.6	4.4 3.5 3.3 2.9 2.3 1.7 1.8	5.3 4.1 4.0 0.5 3.1 2.5 2.2	
31 32 53 54 65 67 68 69		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7	2.1 2.5 2.5 2.3 1.7 1.6 1.4	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7	
31 32 33 34 35 36 37 39		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7	2.5 2.3 1.7 1.6 1.4 1.4	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7	
31 32 34 35 36 37 39 70		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7	2.5 2.3 1.7 1.6 1.4 1.4 2.3 2.9	2.3 1.7 1.8 1.5 1.4 2.3 2.8	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.2	
31 32 34 35 36 37 39 70 71 72		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9 4.5	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0 13.7 15.1 14.2	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1 16.4	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5 12.4	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9 3.2 4.0 3.6	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4 8.5	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7 3.1 4.0 3.4	2.5 2.3 1.7 1.6 1.4 1.4 2.3 2.9 2.5	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3 2.8 2.5	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.2 3.0	
31 32 34 35 36 37 38 39 70 71 72		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9 4.5 3.7	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0 13.7 15.1 14.2 12.3	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1 16.4 15.1	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5 12.4 10.0	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9 3.2 4.0 3.6 3.0	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4 8.5 8.5	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7 3.1 4.0 3.4 3.0	2.5 2.3 1.7 1.6 1.4 1.4 2.3 2.9 2.5 1.8	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3 2.8 2.5 2.0	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.2 3.0 2.4	
31 32 33 34 35 36 37 38 39 70 71 72		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9 4.5	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0 13.7 15.1 14.2	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1 16.4	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5 12.4	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9 3.2 4.0 3.6	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4 8.5	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7 3.1 4.0 3.4	2.5 2.3 1.7 1.6 1.4 1.4 2.3 2.9 2.5	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3 2.8 2.5	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.0 2.4 2.5	
81 82 83 84 65 68 69 70 71 73		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9 4.5 3.7 4.3	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0 13.7 15.1 14.2 12.3	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1 16.4 15.1	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5 12.4 10.0	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9 3.2 4.0 3.6 3.0	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4 8.5 8.5	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7 3.1 4.0 3.4 3.0	2.5 2.3 1.7 1.6 1.4 2.3 2.9 2.5 1.8 2.4 4.5	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3 2.8 2.5 2.0 2.2	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.0 2.4 2.5 4.1	
81 62 63 65 66 66 70 71 73 74		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9 4.5 3.7 4.3	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0 13.7 15.1 14.2 12.3 13.5	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1 16.4 15.1 18.2	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5 12.4 10.0 11.5	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9 3.2 4.0 3.6 3.0 3.5	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4 8.5 8.5 7.8	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7 3.1 4.0 3.4 3.0 3.5	2.3 1.7 1.6 1.4 1.4 2.3 2.9 2.5 1.8 2.4	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3 2.8 2.5 2.0 2.2 4.4 3.7	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.0 2.4 2.5 4.1 4.0	
81 82 84 85 68 67 70 71 73 75 76		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9 4.5 3.7 4.3 7.2 6.4	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0 13.7 15.1 14.2 12.3 13.5 18.3 17.3	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1 16.4 15.1 18.2 19.7	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5 12.4 10.0 11.5	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9 3.2 4.0 3.6 3.0 3.5	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4 8.5 7.8	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7 3.1 4.0 3.4 3.0 3.5	2.5 2.3 1.7 1.6 1.4 2.3 2.9 2.5 1.8 2.4 4.5	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3 2.8 2.5 2.0 2.2	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.0 2.4 2.5 4.1 4.0 3.3	
81 62 63 65 66 67 68 70 71 73 75		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9 4.5 3.7 4.3 7.2 6.4 5.5	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0 13.7 15.1 14.2 12.3 13.5 18.3 17.3	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1 16.4 15.1 18.2 19.7 19.7	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5 12.4 10.0 11.5 17.2 15.5 13.0	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9 3.2 4.0 3.6 3.0 3.5 6.2 5.4	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4 8.5 7.8 13.2 10.9	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7 3.1 4.0 3.4 3.0 3.5	2.5 2.3 1.7 1.6 1.4 1.4 2.3 2.9 2.5 1.8 2.4 4.5 3.7	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3 2.8 2.5 2.0 2.2 4.4 3.7	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.0 2.4 2.5 4.1 4.0 3.3 2.6	
81 82 63 64 65 66 67 70 71 73 75 76		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9 4.5 3.7 4.3 7.2 6.4 5.5 4.5	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0 13.7 15.1 14.2 12.3 13.5 16.3 17.3 15.0 13.5	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1 16.4 15.1 18.2 19.7 19.7 17.8 16.9	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5 12.4 10.0 11.5 17.2 15.5 13.0	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9 3.2 4.0 3.6 3.0 3.5 6.2 5.4 4.7 3.7	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4 8.5 8.5 7.8 13.2 10.9	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7 3.1 4.0 3.4 3.0 3.5 8.3 5.8 5.0 3.7	2.5 2.3 1.7 1.6 1.4 1.4 2.3 2.9 2.5 1.8 2.4 4.5 3.7	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3 2.8 2.5 2.0 2.2 4.4 3.7 3.0	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.0 2.4 2.5 4.1 4.0 3.3	
81 83 84 65 68 69 70 71 73 75 77 77 77		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9 4.5 3.7 4.3 7.2 6.4 5.5 4.5 4.5	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0 13.7 15.1 14.2 12.3 13.5 18.3 17.3 15.0 13.5	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1 16.4 15.1 18.2 19.7 19.7 17.6 16.9 16.1	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5 12.4 10.0 11.5 17.2 15.5 13.0 10.8 12.3	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9 3.2 4.0 3.6 3.0 3.5 6.2 5.4 4.7 3.7 3.6	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4 8.5 7.8 13.2 10.9 9.3 7.6	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7 3.1 4.0 3.4 3.0 3.5 8.3 5.8 5.0 3.7	2.3 1.7 1.6 1.4 1.4 2.3 2.9 2.5 1.8 2.4 4.5 3.7 3.1 2.5 2.5	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3 2.8 2.5 2.0 2.2 4.4 3.7 3.0 2.5 2.5	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.0 2.4 2.5 4.1 4.0 3.3 2.6 2.5	
81 82 63 64 65 66 67 68 70 71 73 75 77 77		5.7 4.6 4.7 4.1 3.6 2.8 2.7 2.8 2.5 4.0 4.9 4.5 3.7 4.3 7.2 6.4 5.5 4.5 4.5	15.7 13.7 15.9 14.7 12.9 10.5 10.7 10.1 10.0 13.7 15.1 14.2 12.3 13.5 18.3 17.3 15.0 13.5 13.9	16.5 15.1 17.8 16.1 14.7 12.5 12.7 12.3 12.5 15.7 17.1 16.4 15.1 18.2 19.7 19.7 17.8 16.9 16.1	15.1 12.7 14.2 13.4 11.4 8.9 9.0 8.2 7.9 12.0 13.5 12.4 10.0 11.5 17.2 15.5 13.0 10.8 12.3	5.1 4.0 3.9 3.4 2.9 2.2 2.1 2.0 1.9 3.2 4.0 3.6 3.0 3.5 6.2 5.4 4.7 3.7 3.6 5.3	10.0 8.0 7.8 7.4 5.9 4.1 4.2 4.8 4.8 7.8 9.4 8.5 7.8 13.2 10.9 9.3 7.6 7.4	4.9 3.8 3.9 3.0 2.6 2.1 1.9 1.7 1.7 3.1 4.0 3.4 3.0 3.5 8.3 5.8 5.0 3.7 3.6	2.5 2.3 1.7 1.6 1.4 1.4 2.3 2.9 2.5 1.8 2.4 4.5 3.7 3.1	4.4 3.5 3.3 2.9 2.3 1.7 1.8 1.5 1.4 2.3 2.8 2.5 2.0 2.2 4.4 3.7 3.0 2.5 2.5 2.5 3.3	5.3 4.1 4.0 0.5 3.1 2.5 2.2 1.7 1.7 2.7 3.0 2.4 2.5 4.1 4.0 3.3 2.6 2.5 3.1	



Table 26. Unemployment rates by sex, race, Hispanic origin, and age, 1948-82—Continued [Civillan workers]

	18	16	to 19 yea	rs			20 y	ears and o	over	· · · · · · · · · · · · · · · · · · ·	,
Year, sex, race, and Hispanic origin	years and over	Total	18 to 17 years	18 to 19 years	Totai	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women				·	!						
954	5.6	10.4	12.0	9.4	5.1	6.4	5.7	4.9	4.4	4.5	2.
955	4.3	9.1	11.6	7.7	3.9	5.1	4.3	3.8	3.4	3.6	2.
956	4.2	9.7	12.1	8.3	3.7	5.1	4.0	3.5	3.3	3.5	2.
957	4.3	9,5	11.9	7.9	3.8	5.1	4.7	3.7	3.0	3.0	3
958	8.2	12.7	15.8	11.0	5 <del>6</del>	7.4	8.6	5.6	4.9	4.3	3
959	5.3	12.0	13.3	11.1	4.7	6.7	5.0	4.7	4.0	4.0	3
060	5.3	12.7	14.5	11.5	4.8	7.2	5.7	4.2	4.0	3.3	2
961	8.5	14.8	17.0	13.8	5.7	8.4	8.6	5.8	4.8	4.3	3
962	5.5	12.8	15.8	11.3	4.7	7.7	5.4	4.5	3.7	3.4	4
963	5.8	15.1	18.1	13.2	4.8	7.4	5.8	4.8	3.9	3.5	3
964	5. <b>5</b>	14.9	17.1	13.2	4.8	7.1	5.2	4.5	3.6	3.5	3
see.		440	450								
965 966	5.0	14.0	15.0	13.4	4.0	8.3	4.8	4.1	3.0	2.7	2
967	4.8 4.8	12.1 11.5	14.5 12.9	10.7 10.8	3.3 3.8	5.3 6.0	3.7 4.7	3.3 3.7	2.7 2.9	2.2 2.3	2
968	4.3	12.1	13.9	11.0	3.4	5.9	3.9	3.7	2.8	2.3	2
969	4.2	11.5	13.8	10.0	3.4	5.5 5.5	4.2	3.2	2.4	2.1	2
	7				0.4	<b>9</b> .0	7.5	J			-
970	5.4	13.4	15.3	11.9	4.4	8.9	5.3	4.3	3.4	2.6	3
971	8.3	15.1	16.7	14.1	5.3	8.5	6.3	4.9	3.9	3.3	3
972	5.9	14.2	17.0	12.3	4.9	8.2	5.5	4.5	3.5	3.3	3
973	5.3	13.0	15.7	10.9	4.3	7.0	5.1	3.7	3.1	2.8	2
974	8.1	14.5	16.4	13.0	5.1	8.2	5.7	4.3	3.6	3.3	3
975	8.6	17.4	19.2	18.1	7.5	11.2	8.5	8.8	5.8	5.1	5.
976	7.9	18.4	18.2	15.1	8.8	10.4	7.8	5.8	5.0	4.8	5.
977	7.3	15.9	18.2	14.2	8.2	9.3	8.7	5.3	5.0	4.4	4.
978	6.2	14.4	17.1	124	5.2	8.3	5.8	4.5	3.8	3.0	3
979	5.9	14.0	15.9	12.5	5.0	7.8	5.6	4.2	3.7	3.0	3.
980		440	470	40.4		0.5		40	4.0	2.4	_
981	8.5 6.9	14.8	17.3	13.1	5.6	8.5	8.3	4.9	4.3	3.1	3
982	8.3	18.8 19.0	18.4 21.2	15.3 17.8	5.9 7.3	9.1 10.9	8.6	5.1	4.2 5.5	3.7 5.0	3
	0.3	18.0	21.2	17.0	ا د/	10.8	8.0	8.4	5.5	5.0	3
BLACK										1	
972	10.4	35.4	38.7	33.8	7.9	18.3	8.7	8.1	4.2	41	4
973	9.4	31.5	37.0	28.1	7.2	15.5	8.1	4.7	3.5	3.2	3
974	10.5	35.0	40.0	31.8	8.0	17.5	8.5	5.4	4.3	3.8	3
975	14.8	39.5	41.8	38.1	12.3	24.5	13.0	8.9	8.3	5.9	6.
976	14.0	39.2	44.2	38.7	11.5	22.7	12.8	8.0	8.7	5.9	5.
977	14.0	41.1	44.5	39.2	11.5	24.2	12.7	7.4	5.3	5.5	5.
978	12.8	38.7	43.9	35.7	10.2	21.8	10.6	8.4	5.2	4.8	5
979	12.3	38.5	40.2	34.4	10.1	20.8	10.6	8.7	5.2	4.9	5.
aan l	440	20.5	44.4	07.4	40.4	00.0	40.0				
980 981	14.3	38.5	41.1	37.1	12.1	23.8	13.3	8.2	8.8	5.4	8.
982	15.6 18.9	41.4 48.0	44.8	39.5	13.4	26.4	14.7 i 19.0	9.5	7.4 8.7	5.5	7. 7.
Men	10.5	₩.0.0	48.8	47.8	18.8	30.8	19.0	12.1	0.7	8.3	٠.
972	9.3	31.7	38.7	28.4	7.0	14.9	7.2	4.8	3.8	4.4	5.
973	8.0	27.8	35.7	23.0	8.0	13.2	82	3.9	3.2	3.2	3.
974	9.8	33.1	39.9	28.3	7.4	16.2	8.1	4.3	4.2	3.8	5.
		_	- 1			ľ			l	ļ	
975	14.8	38.1	41.9	35.9	12.5	24.7	12.7	8.7	9.3	8.3	8.
978	13.7	37.1	40.8	38.0	11.4	22.8	12.0	7.5	7.3	8.3	8.
977	13.3	39.2	41.0	38.2	10.7	23.0	11.8	6.2	4.9	8.0	7
978	11.8	38.7	43.0	32.9	9.3	21.0	9.6	51	4.9	4.4	8
979	11.4	34.2	37.9	32.2	9.3	18.7	9.8	8.3	5.2	5.1	6.
980	14.5	37.5	39.7	36.2	12.4	23.7	13.4	8.2	7.2	8.2	8.
981	15.7	40.7	43.2	39.2	13.5	26.4	14 4	9.3	7.8	6 1	7.
982	20.1	48.9	52.7	47.1	17.8	31.5	20.1	13.4	9.0	10.3	9.



Table 26. Unemployment rates by sex, race, Hispanic origin, and age, 1948-82—Continued [Civilian workers]

	40	16	to 19 year	s			20 y	ears and o	ver		
Year, sex. race, and Hispanic origin	16 years and over	Total	16 to 17 years	18 to 19 years	Total	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Women											•
972	11.8	40.5	<b>42</b> .0 j	40.1	9.0	17.9	10.5	7.6	4.6	3.7	3
973	11.1	36.1	38.6	34.2	8.6	18.4	10.3	5.6	3.9	3.3	2
974	11.3	37.4	40.2	36.0	8.8	19.0	9.0	6.6	4,4	3.6	•
975	14.8	41.0	41.2	40.6	122	24.3	13.4	9.0	7.0	5.3	:
976	14.3	41.6	48.4	37.6	11.7	22.8	13.6	8.5	5.9	5.4	
977	14.9	43 4	49.5	40.4	12.3	25.5	13.6	8.7	5.8	4.8	
978	13.8	40.8	45.0	38.7	11.2	22.7	11.9	7.8	5.6	5.2	4
979	13.3	39.1	42.7	36.9	10.9	22.6	12.1	7.2	5.2	4.7	4
		00.0	.00		44.0	23.5	13.2	8.2	6.4	4.5	
980	1:0	39.8	42.9 46.5	38.2 39.8	11.9	26.4	14.9	9.8	6.9	4.7	
981	15.6 17.6	42.2 47.1	44.2	48.6	15.4	29.6	17.8	10.7	8.5	6.1	
982	17.0	<b>97.</b> l	44.2	40.0	13.4	20.0	17.0	10.7	0.0	•	
HISPANIC ORIGIN									4.7		
973	7.5	19.8	23.4	17.3	60	3.5	5.7	5.6	4.7 4.6	5.5 8.1	
974	8.1	19.8	23.5	17.2	8.8	9.8	6.3	5.9	4.0	0.1	,
975	12.2	27.7	30.0	28.5	10.3	16.7	9.9	8.6	8.1	7.7	1
976	11.5	23.8	?9.2	19.2	10.1	15.9	9.1	8.2	8.4	8.8	12
977	10.1	22.9	7.0	19.6	8.6	12.C	8.6	6.1	7.3	8.2	!
978	9.1	20.7	C.F ,	15.1	7.7	10.9	8.0	6.5	5.8	5.0	<u> </u>
1979	8.3	10.0	0	14.9	7.0	10.4	6.7	6.2	5.2	6.0	
	40.4	١.		10.5		12.1	9.1	7.7	5.7	5.9	
1980	1 .	UZ.5	27.5 28.0	19.5 21.6	8.8 9.1	14.0	8.9	7.5	6.4	7.3	
1981	•	24.0 29.9	37.9	21.6 25. <del>6</del>	12.2	17.7	12.4	10.7	8.5	10.1	
982	13.8	20.0	37.8	25.0	12.2		12.7	'*'			
Men								4.0	4.5	E A	
1973	1	19.0	20.9	17.7	5.4	8.2	5.0	4.2	4.5 4.3	5.4 5.4	
1974	7.3	19.0	22.0	17.1	6.0	9.9	5.5	5.0	4.3	5.4	
1975	11.4	27.6	29.3	26.5	9.6	16.3	9.6	7.9	7.0	6.8	1
1976	10.8	23.3	28.7	19.7	9.4	16.0	8.1	7.0	7.4	8.7	1:
1977	9.0	20.9	25.9	18.2	7.7	11.7	7.9	4.9	5.4	7.4	!
1978	7.7	19.7	27.5	13.9	6.4	9.4	6.6	4.8	4.8	4.4	
1979	7.0	17.5	23.5	13.8	5.8	9.2	5.3	5.1	4.4	5.0	!
	0.7	04.0	001	40.4		12.3	8.2	7.2	6.1	6.2	,
1980	1	21.6	26.1 30.7	19.1 20.3	8 3 8 8 8	14.2	9.0	6.5	5.9	6.6	
1981	1	24.3 31,2	40.0	26.4	12.0	18.3	12.5	9.8	7.5	10.0	1
1982	. 13.0	31.2	40.0	20.4	12.0	10.0	12.0	1			İ
Women					!		0.0		! ! <b>e</b> •	5.6	i
1 <u>9</u> 73	1	29.7	26.8	16.7	7.3	9.0	6.9	8.3 · 7.5	5.1 5.3	7.5	,
1974	9.4	20.8	25.3	17.4	77	9.7	77	1.5	5.5	7.5	'
1975	13.5	27.9	31.0	26.4	115	17.2	105	9.9	10.0	9.3	(
1976	1	22.2	30.3	18.7		15.8	10.8	10.0	98	9.0	1.
1977	1	24.4	28.5	21.9		12.1	9.8	8.2	10.6	11.0	j i
1978	1	21.8	29 9	16.6	9.8	13.0	10.3	•	74	7.2	ł
1979.			30.0	15.8	. 8.9	12.1	i 89	77	7.1	7.9	
1000	: 407	1 00 4	20.4	.07	. 00	110	10.5	8.5	5.2	6.3	1
1980	1	1	30 4	19.7	92 95	11.9 13.6	8.8	8.9	7.2	:	į
1981	1	23.5	23.5 34.8	23.5	126	17.0	12.2		99	10.5	
1982	j 14 1	28.2	J. 0	25 0	120	170	16.2	1 6. 1	1		1

Table 27. Unemployment rates by sex and marital status, 1955-82

	Ĺ.			<b>J</b> en	ļ		Wo	omen	
Year	All civilian workers	Total	Single	Married, spouse present	Widowed, divorced, or separated	Total	Single	Married, spouse present	Widowed. divorced, or separated
955	4.4	4.2	86	2.6	7.1	4.9	5.0	3.7	5.
956		3.8	77	2.3	6.2	4.8	5.3	3.6	5.
957	4.3	4.1	9.2	2.8	6.8	4.7	5.6	4.3	4.
958	6.8	6.8	13.3	5.1	11.2	6.8	7.4	6.5	6.
959	5.5	5.2	11.6	3.6	8.6	5.9	7.1	5.2	6.
960	5.5	5.4	11.7	3.7	8.4	5.9	7.5	5.2	5.
961	6.7	6.4	13.1	4.6	10.3	72	8.7	6.4	7.
962	5.5	5.2	11.2	3.6	9.9	6.2	7.9	5.4	6.
963	5.7	5.2	12.4	3.4	9.6	6.5	8.9	5.4	6.
964	5.2	4.6	11.5	2.8	8.9	6.2	8.7	5.1	6.
965	4.5	4.0	10.1	2.4	7.2	5.5	8.2	4.5	5.
<del>36</del> 6	3.8	3.2	8.6	1.9	5.5	4.8	7.9	3.7	4.
967	3.8	3.1	6.3	1.8	4.9	5.2	7.5	4.5	4.
<b>168</b>	3.6	2.9	8.0	1.6	4.2	4.8	7.6	3.9	4.
969	3.5	2.8	8.0	1.5	4.0	4.7	7.3	3.9	4.
970	4.9	4.4	11.2	2.6	6.4	5.0	9.0	4.9	5.
971	5.9	5.3	13.2	3.2	7.4	6.9	10.5	5.7	6.
972	5.6	5.0	12.4	2.8	7.0	6.6	10.1	5.4	6.
973		4.2	10.4	2.3	5.4	6.0	9.4	4.7	5.
974	5.6	4.9	11.8	2.7	6.2	6.7	10.5	5.3	6.
975	8.5	7.9	16.1	5.1	11.0	9.3	13.0	7.9	8.
976	7.7	7.1	14.9	4.2	9.8	8.6	12.1	7.1	8.
977	7.1	6.3	13.5	3.6	8.2	8.2	12.1	6.5	7.
978	6.1	5.3	11.7	2.8	6.6	7.2	10.9	5.5	6.
,79	5.8	5.1	11.1	2.8	6.5	6.8	10.4	5.1	6.
980	7.1	6.9	13.6	4.2	8.6	7.4	10.9	5.8	7.3
981		7.4	14.6	4.3	9.1	7.9	ا 1.9	<b>6</b> .0	b.
982	9.7	€.9	17.7	6.5	12.4	9.4	13.6	7.4	9.



Table 28. Unemployment rates and percent distribution of the unemployed by occupation, 1958-82

Part   Post		i	L						xperienc	_,				·			···	Pe
		All		Whit	e-collar worker	<u> </u>				Blue-coll	ar worker	*		Se	rvice work	819	_	SO W
Fig.   Property   Coll.   Property   Coll.   Property   Coll.   Coll			<u> </u>			1	<u> </u>		Crati		Onerative		·		Pri-		Farm- ers	n
Se	Item	work-	Total	sional and techni-	and administra- tors, except	work-	cal work-	Total	and kin- dred work-		Ex- cept trans-	Trans- port equip-	farm labor-	Total	vate house- hold work-	Other serv- ice work- ers	and farm labor- ers	evi ext o
59							Unem	ployme	nt Rate	)								
60			1 1			4				L						7.4 6.4	3.2 2.6	
61															•			
5.5								ľ					i			6.0 7.4	2.7 2.8	
1.5	วา าก	5.5	1 1						ŀ				1		1	6.5	2.3	
55.	/ሬ ኒን	5.5	1 1		) .			1						1		6.3	3.0	
155	%	5.2		1			1		1 .	1	(4)	(4)		i		6.1	3.1	
10				4.5			0.0		20				ه ۵	<b>5</b> 2	4.7	E E	26	
38	55 se	4.5				1			i	1			1	1	•	5.5 4.8	2.6 2.2	1
38						1	•		1	1	(2)		1		1	4.6	2.3	ļ
98			, ,				1	1		ı.					1	4.6	2.1	
10	39	3.5	1 1		t e						(4)		1		1	4.3	1.9	1
11.		1	2.0	3.0	1 2	20	4.1	82	2.0	71	(3)	(8)	0.5	   53	42	5.5	2.6	l
100.0	7U	5.0	1		t .	1	1		_	t			1		1	6.C	2.8	ŀ
100.0			4			1	1			•			1	ı	t .	6.7	2.7	
19. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	73	4.9				1					1	I.	L		i	5.9	2.6	
75	74	5.6	1 1		i	1	1		1			•	1		1	6.6	2.6	
76		1	4.7	2.0	20			117	82	122	147	9.5	158	! : 86	54	8.3	3.6	
77	73 76	7.7						1			1		1		1	. 9.1	4.5	
100.0	70 77	7.1	1						1			1	ł		I .	8.5	4.7	
79	78	61	1 (	_		1		1		3	1				1	7.7	3.9	
30. 7.1 3.7 2.5 2.4 4.4 5.3 10.0 6.6 11.4 12.2 8.8 14.6 7.9 4.6 6.8 12.7 7.6 4.0 2.8 2.7 4.8 5.7 10.3 7.5 11.4 12.2 8.7 14.7 8.9 4.9 6.8 12.2 9.8 4.9 3.3 3.5 5.6 7.0 14.2 10.2 16.2 17.7 11.7 18.5 10.6 6.2 10.6 6.2 10.2 16.2 17.7 11.7 18.5 10.6 6.2 10.6 6.2 10.2 10.2 16.2 17.7 11.7 18.5 10.6 6.2 10.6 6.2 10.2 10.2 16.2 17.7 11.7 18.5 10.6 6.2 10.6 6.2 10.2 10.2 10.2 10.2 10.2 10.2 10.2 10	79	5.8			•	1		I .	E .				5			7.4	3.9	
98		[	0.7		0.4			40.0		44.4	122		146	70	4.6	8.2	4.6	1
Percent Distribution    100.0			f 3			L			1							9.2	5.3	İ
Percent Distribution   Percent Distribution						1				L						10.9	6.5	1
100.0			•			L	·	4	<b>L</b>	•			· · · · · · · · · · · · ·				• • • • • • • • • • • • • • • • • • • •	<b></b>
59		ļ	τ	r ·		Γ.		ī	1		Γ	T	Ţ	T	T	Γ	T	Τ
60			1	1	1	i			•				•	i		9.5	3.8	
61	59	100.0	19.7	3.3	2.4	4.5	9.5	52.6	12.7	26.0	(*)	(*)	14.0	13.4	2.9	10.5	3.8	
61         100.0         21.0         3.4         2.8         4.6         10.1         51.1         12.4         26.5         (*)         (*)         (*)         12.3         13.8         3.0         10.6         2.8         4.7         10.6         49.2         11.8         24.9         (*)         (*)         (*)         12.4         14.2         3.0         11.8         24.9         (*)	60	100.0	20.2	3.4	2.5	4.3	10.0	52.8	12.3	27.1	(°2)	(4)				10.0	3.7	
63			21.0	3.4	2.8	4.6	10.1	51.1	12.4	26.5	(2)	(*)	12.3	13.8		10.6	3.1	
64   100.0   21.6   3.9   2.7   4.1   10.8   45.3   10.3   23.9   (*)   (*)   11.1   14.9   3.1   14.6   65   100.0   22.3   4.0   2.5   4.8   11.1   43.4   10.2   22.9   (*)   (*)   10.3   14.9   2.9   14.6   100.0   23.6   4.3   2.6   4.6   12.1   41.5   9.7   21.9   (*)   (*)   9.9   15.5   2.9   14.6   100.0   25.3   4.5   2.3   5.1   13.4   42.6   8.4   24.5   (*)   (*)   9.7   14.8   2.5   12.6   100.0   25.7   4.5   2.7   4.7   13.9   41.7   8.7   23.2   (*)   (*)   9.8   15.5   2.5   13.6   100.0   27.6   5.1   2.7   4.9   14.8   40.8   8.0   23.4   (*)   (*)   9.8   15.5   2.5   13.6   100.0   27.6   5.1   2.7   4.9   14.8   40.8   8.0   23.4   (*)   (*)   9.3   13.2   1.7   17.7   1.0   100.0   27.8   6.7   1.9   4.5   13.7   43.6   10.2   23.7   (*)   (*)   9.3   13.2   1.7   17.7   1.0   100.0   28.3   5.8   3.0   4.9   14.5   40.8   10.0   20.8   17.6   3.3   10.0   15.2   1.2   14.7   100.0   28.3   6.0   2.9   4.8   14.6   39.2   10.1   19.9   16.7   3.3   9.2   15.7   14   14.7   100.0   28.0   5.6   3.3   4.7   14.3   42.1   10.3   22.1   18.7   3.5   9.7   15.1   1.1   13.7   100.0   28.0   5.6   3.3   4.7   14.3   42.1   10.3   22.1   18.7   3.5   9.7   15.1   1.1   13.7   100.0   29.0   6.0   4.1   4.3   14.6   41.3   11.4   20.5   16.7   3.7   9.4   15.8   .9   14.7   100.0   29.5   6.2   4.0   4.6   14.6   38.7   10.3   19.4   15.9   3.6   9.0   16.1   .9   15.8   14.0   14.0   15.9   10.0   16.1   .9   15.8   14.0   14.0   14.0   15.9   10.0   16.1   .9   15.8   14.0   14.0   14.0   15.9   10.0   16.1   .9   15.8   14.0   14.0   15.9   16.7   3.7   9.4   15.8   .9   14.0   15.0   16.1   .9   15.0			21.7	3.6	2.8	4.7	10.6	49.2	11.8	24.9	(1)		12.4		1 -	11.2	2.7	
65			21.7	3.8	2.7	4.6	10.6	47.7	I .	1	(3)		1		1	10.9	3.3	
388       100.0       23.6       4.3       2.6       4.6       12.1       41.5       9.7       21.9       (*)       (*)       9.9       15.5       2.9       14.8         67       100.0       25.3       4.5       2.3       5.1       13.4       42.6       8.4       24.5       (*)       (*)       9.7       14.8       2.5       12.8         68       100.0       25.7       4.5       2.7       4.7       13.9       41.7       8.7       23.2       (*)       (*)       (*)       9.8       15.5       2.5       15.8         89       100.0       27.6       5.1       2.7       4.9       14.8       40.8       8.0       23.4       (*)       (*)       9.9       9.8       15.5       2.5       15.8         70       100.0       27.2       5.6       2.7       4.8       14.2       45.1       9.7       25.8       (*)       (*)       (*)       9.8       13.2       1.7       17         71       100.0       27.8       6.7       1.9       4.5       13.7       43.6       10.2       23.7       (*)       (*)       (*)       9.8       13.2       1.7 <t< td=""><td>84</td><td> 100.0</td><td>21.6</td><td>3.9</td><td>2.7</td><td>4.1</td><td>10.8</td><td>45.3</td><td>10.3</td><td>23.9</td><td>(*)</td><td>(1)</td><td>11.1</td><td>14.9</td><td>3.1</td><td>11.8</td><td>3.6</td><td></td></t<>	84	100.0	21.6	3.9	2.7	4.1	10.8	45.3	10.3	23.9	(*)	(1)	11.1	14.9	3.1	11.8	3.6	
388       100.0       23.6       4.3       2.6       4.6       12.1       41.5       9.7       21.9       (*)       (*)       9.9       15.5       2.9       14.8         67       100.0       25.3       4.5       2.3       5.1       13.4       42.6       8.4       24.5       (*)       (*)       9.7       14.8       2.5       12.8         68       100.0       25.7       4.5       2.7       4.7       13.9       41.7       8.7       23.2       (*)       (*)       (*)       9.8       15.5       2.5       15.8         89       100.0       27.6       5.1       2.7       4.9       14.8       40.8       8.0       23.4       (*)       (*)       9.9       9.8       15.5       2.5       15.8         70       100.0       27.2       5.6       2.7       4.8       14.2       45.1       9.7       25.8       (*)       (*)       (*)       9.8       13.2       1.7       17         71       100.0       27.8       6.7       1.9       4.5       13.7       43.6       10.2       23.7       (*)       (*)       (*)       9.8       13.2       1.7 <t< td=""><td>85</td><td> 100.0</td><td>22.3</td><td>4.0</td><td>2.5</td><td>4.8</td><td>11.1</td><td>43.4</td><td>10.2</td><td>22.9</td><td>(1)</td><td>(2)</td><td>10.3</td><td>14.9</td><td>2.9</td><td>12.0</td><td>3.3</td><td></td></t<>	85	100.0	22.3	4.0	2.5	4.8	11.1	43.4	10.2	22.9	(1)	(2)	10.3	14.9	2.9	12.0	3.3	
87         100.0         25.3         4.5         2.3         5.1         13.4         42.6         8.4         24.5         (*)         (*)         (*)         9.7         14.8         2.5         12.8           88         100.0         25.7         4.5         2.7         4.7         13.9         41.7         8.7         23.2         (*)         (*)         (*)         9.8         15.5         2.5         13.8           89         100.0         27.6         5.1         2.7         4.9         14.8         40.8         8.0         23.4         (*)         (*)         9.8         15.5         2.5         13.7           70         100.0         27.2         5.6         2.7         4.8         14.2         45.1         9.7         25.8         (*)         (*)         (*)         9.8         13.2         1.7         14.8           71         100.0         27.8         6.7         1.9         4.5         13.7         43.6         10.2         23.7         (*)         (*)         (*)         9.8         13.2         1.7         15.7           72         100.0         28.3         5.8         3.0         4.9			•	i		I .	1	1	1	1			1 -	1	2.9	12.7	2.8	
88       100.0       25.7       4.5       2.7       4.7       13.9       41.7       8.7       23.2       (*)       (*)       (*)       9.8       15.5       2.5       13.8         89       100.0       27.6       5.1       2.7       4.9       14.8       40.8       8.0       23.4       (*)       (*)       9.4       14.8       2.2       12.7         70       100.0       27.2       5.6       2.7       4.8       14.2       45.1       9.7       25.8       (*)       (*)       9.8       13.2       1.7       1.7         71       100.0       27.8       6.7       1.9       4.5       13.7       43.6       10.2       23.7       (*)       (*)       9.8       13.2       1.7       1.7         72       100.0       28.3       5.8       3.0       4.9       14.5       40.8       10.0       20.8       17.6       3.3       10.0       15.2       1.2       14.7         73       100.0       28.3       6.0       2.9       4.8       14.6       39.2       10.1       19.9       16.7       3.3       9.2       15.7       14       14.7         74	87 <b></b>	100.0		t	1	1 -	1	i	1 -	i	1 :		9.7	14.8		12.3	2.9	
70			25.7	4.5	2.7	4.7	13.9	41.7	8.7	23.2			9.8	15.5		13.0	2.6	1
71	39	100.0	27.6	5.1	2.7	4.9	14.8	40.8	8.0	23.4	(3)	(1)	9.4	14.8	2.2	12.7	2.2	
71	70	100.0	27.2	5.6	2.7	4.8	14.2	45.1	9.7	25.8	(*)	(1)	9.8	13.2	1.7	11.5	2.0	
72				1	1			F .	1	1			1	1	l.	13.0	1.6	
73					1	1			1	1	1			15.2	1.2	14.0	1.7	İ
74 100.0   28 0   5.6   3.3   4.7   14.3   42.1   10.3   22.1   18.7   3.5   9.7   15.1   1.1   15.7   10.0   26 8   5.4   3.5   4.3   13.8   47.4   12.7   25.0   21.2   3.8   9.8   13.9   9   15.7   100.0   29.0   6.0   4.1   4.3   14.6   41.3   11.4   20.5   16.7   3.7   9.4   15.8   9   14.7   100.0   29.5   6.2   4.0   4.6   14.6   38.7   10.3   19.4   15.9   3.6   9.0   16.1   9   15.8		_	1	1 -		4.8		1	1	1	)	3.3	9.2	15.7	14	14.2	1.8	
76				1		4.7	14.3	42.1	10.3	22.1	18.7	3.5	9.7	15.1	1.1	13.3	1.6	İ
76	75	100 n	28.8	5.4	3.5	43	13.8	47.4	12.7	250	21.2	3.8	9.8	13.9	.9	13.1	1.4	
77				i	1		: -		1	1 _	1		1			14.9	1.8	
				1	i .		• -	1	1	1		1		1 -		15.2	1.9	
78				!				1	'	1	! .	1	1 .	i	1.0	1	1.8	
			1	i _	٠ _	1		1	1		1	1	1 .	1 -	1 -	15.5	1.8	
80 100 0 26.2 5.3 3.6 3.8 13.5 45.8 11.9 23.8 19.3 4.5 10.2 14.9 7 14	<b>a</b> n	1000	20.2		9.0	1 00	10 5	   AE 0	1 .40	1 220	10.2	4.5	10.2	140	7	14.2	17	ĺ
			•		:		1		1	1		1		I		15.1	1.8	i
82	<b>21</b>		1				1 _		1 12.4		1 17.7			l			1.8	

<sup>1</sup> Unemployed persons who never held a full-time civilian job.

NOTE Unemployment rates by occupational group were not considered significantly affected by the changes in the occupational classification system for the 1970 Census of Population that were introduced into the

Current Population Survey in January 1971 and the question that was added to the survey in December 1971. However, the new classification system did affect the comparability of the percent distribution of unemployment. For further explanation, see the Technical Note on the Current Population Survey.



<sup>&</sup>lt;sup>2</sup> Not available

Table 29. Unemployment rates and percent distribution of the unemployed by industry, 1948-82

				<b>T</b>		E	xperien	ced wag	e and salar	y workers_				·
	A.11					Wage an	d salary	workers	in private	nonagricultu	urai indust	ries		
item	All civil- ian		Agri-				A	fanufact	uring	Trans-	Whole-	Fi- nance,		Govern
	work- ers 1	Total	culture	Total	Min- ing	Con- struction	Tota!	Dura- bles	Nondur- ables	portation and public utilities	and retail trade	insur- ance, and real estate	Service indus- tries	ment
		<u>.                                    </u>			ı	Jnemployn	nent Ra	te				<b>L</b>		
1948 1949	3.8 5.9	4.3 6.8	5.5 7.1	4.5 7.3	3.0 8.9	8.7 13.9	4.2	4.0 8.1	4.4 7.8	3.5 5.9	4.7 3.2	1.8 2.1	4.8 6.7	2.: 3.
1950		6.0	9.0	3.9	6.7	12.2	6.2	5.7		4.7	6.C	2.2	6.4	3.0
951	3.3	3.7	4.3	3.9	4.0	7.2	3.8	3.7	6.8 4.7	2.3	3.9	1.5	4.2	1.
952	3.0	3.3	4.8	3.6	3.8	6.7	3.5	3.0	4.1	2.3	3.5	1.7	3.6	1.
953	2.9	3.2	5.6	3.4	4.6	7.2	3.1	2.6	3.8	2.2	3.4	1.7	3.4	1.
954	5.5	7.0	8.9	-3.7	14.4	12.9	7.1	7.3	6.9	5.6	5.7	2.3	5.5	2.
1955		4.8	7.2	5.1	9.0	10.9	4.7	4.4	5.2	4.0	4.7	2.3	5.2	2.0
1956		4.4	7.3	4.7	6.8	10.0	4.7	4.4	5.2	<b>3</b> .0	4.5	1.7	4.6	1.
1957	4.3	4.6	6.9	4.9	5.8	10.9	5.1	4.9	5.3	3.3	4.5	1.8	4.2	1.5
1958	6.8	7.3	10.3	7.9	10.9	15.3	9.3	10.6	7.7	6.1	6.8	2.8	5.7	2.
1959	5.5	5.7	9.0	6.1	9.7	13.4	6.1	6.2	6.0	4.4	5.8	2.5	5.3	2.:
1960	5.5	5."	8.3	6.2	9.5	13.5	6.2	6.4	6.1	4.6	5.9	2.4	5.1	2.
l 961	6.7	6.8	9.6	7.5	11.1	15.7	7.8	8.5	6.8	5.3	7.3	3.3	6.2	2.
1962	5.5	5.6	7.5	6.1	7.7	13.5	5.8	5.7	6.0	4.1	6.3	3.0	5.5	2.
1963	5.7	5.6	9.2	6.1	7.3	13.3	5.7	5.5	6.0	4.2	6.2	2.7	5.7	2.
1⊌54	5.2	5.C	9.7	5.4	6.7	11 2	5.0	4.7	5.4	3.5	5.7	2.6	5.3	2.
1965		4.3	7.5	4.6	5.3	10.1	4.0	3.5	4.7	2.9	5.0	2.3	4.6	1.5
1966		3.5	6.6	3.8	3.5	8.0	3.2	2.7	3.8	2.0	4.4	2.1	3.9	1.
1967		3.6	6.9	3.9	3.4	7.4	3.6	3.4	4.1	2.3	4.2	2.5	3.9	1.
1968		3.4	6.3	3.6	2.1	6.9	3.3	3.0	3.7	1.9	4.0	2.2	3.6	1.1
1969	3.5	3.3	6.0	3.5	2.8	6.0	3.3	3.0	3.7	2.1	4.1	2.1	3.5	1.
1970	4.9	4.8	7.5	5.2	3.1	9.7	5.6	5.7	5.4	3.2	5.3	2.8	4.7	2.
1971		5.7	7.9	6.2	4.0	10.4	6.8	7.0	6.5	3.8	6.4	3.3	5.6	2. 3.
1972		5.3	7.7	5.7	3.2	10.3	5.6	5.5	5.8	3.5	8.4	3.4	5.3	
1973		4.5	7.0	4.9	2.9	8.9	4.4	3.9	5.0	3.0	5.7	2.7	4.8	2. 3.
1974	5.6	5.3	7.5	5.7	3.0	10.7	5.8	5.4	6.3	3.3	6.5	3.1	5.2	3.
1975	8.5	8.2	10.4	9.1	4.1	18.0	10.9	11.3	10.4	5.6	8.7	4.9	7.1	4.
1976	7.7	7.3	11.8	7.9	4.6	15.5	7.9	7.7	8.2	5.0	8.6	4.3	7.2	4.
1977	7.1	6.6	11.2	7.1	3.8	12.7	6.7	6.2	7.4	4.7	8.0	3.8	6.6	4.
1978		5.6	8.9	5.9	4.2	10.6	5.5	5.0	6.3	3.7	6.9	3.1	5.7	3.
1979	5.8	5.5	9.3	5.8	4.9	10.2	5.6	5.0	6.5	3.7	6.5	3.0	5.5	3.
1980	7.1	6.9	11.1	7.4	6.4	14.1	8.5	<b>8</b> .9	7.9	4.9	7.4	3.4	5.9	4.
1981	1	7.3		7.7	6.0	15.6	8.3	8.2	8.4	5.2	1	3.5	6.6	4.
1982				10.1		20.0	12.3	13.3	10.8	6.8	10.0	4.7	_7.6	4.
	 	<b></b>		<b>,</b>		Percent Dis	tributio	on	·	· · · · · · · · · · · · · · · · · · ·			<del>,</del>	<b>_</b>
1948	100.0	89.7	4.2		1.2	10.1	29.8	14.9	14.9	6.5	18.2	1.3	13.2	5
1949	100.0	90.9	i 3.6	82.5	2.0	10.4	34.1	17.9	16.2	6.9	15.9	1.0	12.1	4.0
1950		90.7	4.9	80.4	1.8	10.6	29.8	14.2	15.6	5.7	17.6	1.2	13.7	5.4
1951		90.1	3.4	81.3	1.7	10.6	30.9	13.1	17.8	4.6	18.2	1.3	14.0	5.
1952		90.3	3.8	81.1	1.9	11.6	30.4	14.1	16.3	5.0	17.3	1.7	13.3	5.4
1953		90.7	4.4	80.9	2.5	12.3	29.2	13.7	15.4	4.9	17.1	1.8	13.1	5.
1954	100.0	91.3	3.7	83.3	3.0	10.9	34.9	20.4	14.5	6.5	15.5	1.3	11.2	4.
1955		89.8	4.3	80.5	2.4	11.8	28.8	15.3	13.5	5.7	18.2	1.7	14.0	4.1
1956		88.7	4.5		1.8	11.4	30.2	16.3	13.9	4.6	16.7	1.4	13.8	4.
1957	f	88.8	4.1	79.8	1.4	12.2	31.5	17.6	13.9	4.9	16.1	1.4	12.3	4.1
1958		88 9	3.9	80.9	1.5	11.4	34.9	22.5		5.3	15.3	1.5	11.0	4.
1959	100.0	86.8	4.2	77.9	1.6	i 12.5	28.2	16.3	11.6	4.8	16.5	1.7	12.8	i 4.

Table 29. Unemployment rates and percent distribution of the unemployed by Industry, 1948-82—Continued

						E	xperien	ced wag	e and salar	y workers				
	<b>A</b> 11					Wage an	d salary	workers	In private	nonagriculti	ıral industi	ries		
item	All civil- ian						A	fanufact	uring	Trans-	Whole-	Fi- nance.		
116711	work- ers 1	Total	Agri- culture	Total	Min- ing	Con- struction	Total	Dura- bles	Nondur- ables	portation and public utilities	sale and retail trade	insur- ance, and real estate	Service indus- tries	Govern- ment
						Per	cent Di	etributio	n—Contin	ued				
1960	100.0	86.5	4.1	77.4	1.5	12.0	28.6	16.3	12.4	5.0	18.5	1.8	12.1	5.0
1961	100.0	86.0	3.8	77.9	1.4	11.5	29.2	17.7	11.5	4.6	18.8	1.9	12.6	4.5
962	100.0	85.3	3.2	77.3	1.2	11.9	28.7	-14.7	12.0	4.2	17.3	2.1	13.9	4.8
963	100.0	83.8	3.9	75.0	1.0	11.2	26.1	14.1	12.0	4.2	16.9	1.8	13.8	4.9
964	100.0	82.4	4.1	73.3	1.0	10.3	24.9	13.2	11.7	3.8	17.1	2.0	14.3	5.2
965	100.0	81.0	3.4	72.0	.8	10.8	23.0	11.3	11.7	3.5	17.3	2.0	14.4	5.7
966	100.0	80.8	3.1	71.0	.7	. 9.9	22.8	11.3	11.3	3.1	18.3	2.1	14.3	8.7
967	100.0	83.6	3.2	73.5	.6	9.1	26.2	14.2	12.0	3.6	17.8	2.6	14.5	7.1
968	100.0	83.7	3.1	72.8	.6	9.2	24.7	13.2	11.5	3.4	18.3	2.7	15.1	7.7
969	100.0	83.5	2.7	73.0	0.5	8.3	25.0	13.6	11.5	3.8	18.9	2.6	14.8	8.1
970	100.0	86.2	2.3	77.0	.4	9.3	29.2	17.8	11.6	3.7	17.9	2.5	14.0	9.6
971	100.0	85.7	2.0	76.0	.5	8.5	28.0	18.6	11.2	3.5	18.9	2.8	14,1	7.7
972	100.0	84.4	2.1	74.0	.4	9.2	23.7	13.4	10.3	3.5	20.4	2.8	14.1	8.3
973	100.0	83.5	2.2	72.5	.4	9.3	21.5	11.5	10.1	3.3	20.5	2.7	14.7	8.8
974	100.0	85.1	2.1	74.5	.4	9.4	24.4	13.7	10.8	3.1	20.5	2.7	13.9	8.6
975	100.0	87.9	1,9	78.3	.4	10.2	29.5	18.1	11.4	3.5	18.8	2.7	13.1	7.8
976	100.0	86.3	2.4	74.4	.5	9.4	23 0	13.4	9.7	3.3	20.6	2.7	14.9	9.4
977	100.0	84.8	2.4	72.5	.5	8.5	21.1	11.5	9.6	3.5	21.1	2.7	15.2	9.7
978	100.0	84.1	2.2	71.6	.8	8.5	20.1	10.7	9.4	3.2	20.9	2.6	15.7	10.3
979	100.0	85.0	2.4	72.7	.7	8.8	21.3	11.5	9.8	3.4	20.4	2.7	15.5	9.9
980	100.0	86.9	2.3	75.8	.8	9.7	26.2	16.8	9.6	3.7	18.9	2.5	14.0	8.9
981	100.0	86.2	2.4	74.5	.8	9.8	23.1	13.8	9.4	3.7	19.4	2.4	15.2	9.3
982	100.0	86.9	2.4	76.9	1.4	9.7	28.0	18.7	9.2	3.7	19.3	2.8	14.2	7.5

<sup>&</sup>lt;sup>1</sup> Also includes the self-employed, unpaid family workers, and those with no previous work experience, not shown separately.



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Table 30. Unemployed persons and percent distribution of the unemployed by duration, 1948-82

1949   3.637   1.756   309   555   331   684   428   256   10     1950   3.288   1.450   275   479   301   782   425   357   12     1951   2.055   1.177   169   252   153   303   166   137     1952   1.883   1.135   168   223   126   232   148   84     1953   1.834   1.142   149   209   124   210   132   79   12     1954   3.532   1.605   306   504   305   812   495   317   11     1955   2.852   1.335   230   368   217   702   366   336   337     1956   2.750   1.412   234   360   211   533   301   232   13     1957   2.859   1.408   258   392   240   560   321   239   10     1958   4.602   1.753   363   596   438   1.452   785   667   13     1959   3.740   1.585   304   474   335   1.040   469   571   14     1960   3.852   1.719   324   499   353   957   502   454   12     1961   4.714   1.806   377   567   411   1.532   728   804   12     1962   3.911   1.663   234   478   323   1.119   534   585   14     1963   3.786   1.697   314   483   319   973   491   462   13     1965   3.366   1.628   286   422   276   755   404   351   11     1966   2.875   1.573   242   335   201   526   287   239   10     1967   2.975   1.634   278   397   218   448   271   177   665     1966   2.875   1.573   242   335   201   526   287   239   10     1967   2.975   1.634   278   397   218   448   271   177   665	Median duration  3.6 (1) 3.7 (1) 3.7 (1) 3.4 (1) 3.0 (1) 3.8 (1) 3.9 (1) 4.1 (1) 4.1 (1) 4.2 (1) 4.3 (1) 5.5 (1) 5.6 (1)
1948         2.276         1,300         208         297         164         309         193         1 16         1949         3,637         1,756         309         555         331         684         428         256         11           1950         3,288         1,450         275         479         301         782         425         357         11           1951         2,055         1,177         169         252         153         303         166         137           1952         1,883         1,135         168         223         126         232         148         84           1953         1,834         1,142         149         209         124         210         132         79         16           1954         3,532         1,605         306         504         305         812         495         317         1           1955         2,852         1,335         230         368         217         702         366         336         13           1955         2,852         1,335         230         368         217         702         366         336         13         19         19 <th>(1) (1) (1) (2) (1) (2) (3) (4) (1) (4) (1) (4) (1) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4</th>	(1) (1) (1) (2) (1) (2) (3) (4) (1) (4) (1) (4) (1) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
1949       3.637       1.756       309       555       331       684       428       256       11         1950       3.288       1.450       275       479       301       782       425       357       12         1951       2.055       1.177       169       252       153       303       166       137       13         1952       1.883       1.135       168       223       126       232       148       84       46         1953       1.894       1.142       149       209       124       210       132       79       13       1954       305       812       495       317       1       11       1954       305       812       495       317       1       1       1954       305       812       495       317       1       1       1       1954       305       812       495       317       1       1       1       1955       2,852       1,335       230       368       217       702       366       336       137       1       1       1955       2,852       1,408       258       392       240       560       321       239       11	100 (1 12.1 (1 10.7 (1 14.4 (1 10.0 (1 10.8 (1 10.3 (1 10.5 (1 10.9 (1 10.9 (1 10.9 (1 10.9 (1 10.9 (1 10.9 (1 10.9 (1)))
1949       3.637       1,756       309       555       331       684       428       256       11         1950       3,288       1,450       275       479       301       782       425       357       11         1951       2,055       1,177       169       252       153       303       166       137         1952       1,883       1,135       168       223       126       232       148       84       14         1953       1,834       1,142       149       209       124       210       132       79       12         1954       3,532       1,605       306       504       305       812       495       317       1         1955       2,852       1,335       230       368       217       702       366       336       11         1955       2,852       1,335       230       368       217       702       366       336       11         1956       2,750       1,412       234       360       211       533       301       232       19         1958       4,602       1,753       363       596       438	100
1951       2.055       1.177       169       252       153       303       166       137         1952       1,883       1,135       168       223       126       232       148       84         1953       1,834       1,142       149       209       124       210       132       79         1954       3,532       1,605       306       504       305       812       495       317       1         1955       2,852       1,335       230       368       217       702       366       336       13         1956       2,750       1,412       234       360       211       533       301       232       1         1957       2,859       1,408       258       392       240       560       321       239       16         1958       4,602       1,753       363       596       438       1,452       785       667       13         1959       3,740       1,585       304       474       335       1,040       469       571       14         1960       3,852       1,719       324       499       353       957       502	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
1952       1,883       1,135       168       223       126       232       148       84         1953       1,834       1,142       149       209       124       210       132       79         1954       3,532       1,605       306       504       305       812       495       317       1         1955       2,852       1,335       230       368       217       702       366       336       13         1956       2,750       1,412       234       360       211       533       301       232       1         1957       2,859       1,408       258       392       240       560       321       239       16         1958       4,602       1,753       363       596       438       1,452       785       667       13         1959       3,740       1,585       304       474       335       1,040       469       571       14         1960       3,852       1,719       324       499       353       957       502       454       12         1961       4,714       1,806       377       567       411       1,532	1
1953       1,834       1,142       149       209       124       210       132       79       1954       3,532       1,605       306       504       305       812       495       317       1         1955       2,852       1,335       230       368       217       702       366       336       13         1956       2,750       1,412       234       360       211       533       301       232       1         1957       2,859       1,408       258       392       240       560       321       239       16         1958       4,602       1,753       363       596       438       1,452       785       667       13         1959       3,740       1,585       304       474       335       1,040       469       571       14         1960       3,852       1,719       324       499       353       957       502       454       12         1961       4,714       1,806       377       567       411       1,532       728       804       18         1962       3,911       1,663       234       478       323       1,119	100 (1 18 (1) 10 (1) 13 (1) 15 (1) 19 (1) 18 (1) 18 (1) 18 (1)
1954       3,532       1,605       306       504       305       812       495       317       1         1955       2,852       1,335       230       368       217       702       366       336       13         1956       2,750       1,412       234       360       211       533       301       232       1         1957       2,859       1,408       258       392       240       560       321       239       10         1958       4,602       1,753       363       596       438       1,452       785       667       13         1959       3,740       1,585       304       474       335       1,040       469       571       14         1960       3,852       1,719       324       499       353       957       502       454       12         1961       4,714       1,806       377       537       411       1,532       728       804       15         1962       3,911       1,663       334       478       323       1,119       534       585       14         1963       4,070       1,751       358       519	.8 (1) 3 (1) 5 (1) 1.9 (1) 1.4 (1) 1.8 (1) 1.6 (1)
1955         2,852         1,335         230         368         217         702         366         336         13           1956         2,750         1,412         234         360         211         533         301         232         1           1957         2,859         1,408         258         392         240         560         321         239         10           1958         4,602         1,753         363         596         438         1,452         785         667         13           1959         3,740         1,585         304         474         335         1,040         469         571         14           1960         3,852         1,719         324         499         353         957         502         454         14           1961         4,714         1,806         377         567         411         1,532         728         804         15           1962         3,911         1,663         334         478         323         1,119         534         585         14           1963         4,070         1,751         358         519         354         1,088 <t< td=""><td>(1) (1) (2) (3) (4) (5) (7) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1</td></t<>	(1) (1) (2) (3) (4) (5) (7) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
1956       2,750       1,412       234       360       211       533       301       232       1         1957       2,859       1,408       258       392       240       560       321       239       10         1958       4,602       1,753       363       596       438       1,452       785       667       13         1959       3,740       1,585       304       474       335       1,040       469       571       14         1960       3,852       1,719       324       499       353       957       502       454       12         1961       4,714       1,806       377       567       411       1,532       728       804       15         1962       3,911       1,663       334       478       323       1,119       534       585       14         1963       4,070       1,751       358       519       354       1,088       535       553       14         1964       3,786       1,697       314       483       319       973       491       482       13         1965       3,366       1,628       286       422	3 (1) 0.5 (1) 0.9 (1) 0.4 (1) 0.8 (1) 0.6 (1)
1956       2,750       1,412       234       360       211       533       301       232       1         1957       2,859       1,408       258       392       240       560       321       239       10         1958       4,602       1,753       363       596       438       1,452       785       667       13         1959       3,740       1,585       304       474       335       1,040       469       571       14         1960       3,852       1,719       324       499       353       957       502       454       12         1961       4,714       1,806       377       567       411       1,532       728       804       15         1962       3,911       1,663       334       478       323       1,119       534       585       14         1963       4,070       1,751       358       519       354       1,088       535       553       14         1964       3,786       1,697       314       483       319       973       491       482       13         1965       3,366       1,628       286       422	3 (1) 0.5 (1) 0.9 (1) 0.4 (1) 0.8 (1) 0.6 (1)
1957     2,859     1,408     258     392     240     560     321     239     10       1958     4,602     1,753     363     596     438     1,452     785     667     13       1959     3,740     1,585     304     474     335     1,040     469     571     14       1960     3,852     1,719     324     499     353     957     502     454     12       1961     4,714     1,806     377     567     411     1,532     728     804     15       1962     3,911     1,663     334     478     323     1,119     534     585     14       1963     4,070     1,751     358     519     354     1,088     535     553     14       1964     3,786     1,697     314     483     319     973     491     482     13       1965     3,366     1,628     286     422     276     755     404     351     11       1966     2,875     1,573     242     335     201     526     287     239     10       1967     2,975     1,634     278     397     218     448     271 </td <td>(1) (1) (1) (4) (4) (1) (8) (1) (6)</td>	(1) (1) (1) (4) (4) (1) (8) (1) (6)
1958       4,602       1,753       363       596       438       1,452       785       667       13         1959       3,740       1,585       304       474       335       1,040       469       571       14         1960       3,852       1,719       324       499       353       957       502       454       12         1961       4,714       1,806       377       567       411       1,532       728       804       16         1962       3,911       1,663       334       478       323       1,119       534       585       14         1963       4,070       1,751       358       519       354       1,088       535       553       14         1964       3,786       1,697       314       483       319       973       491       482       13         1965       3,366       1,628       286       422       276       755       404       351       11         1966       2,875       1,573       242       335       201       526       287       239       10         1967       2,975       1,634       278       397 <td>1.9 (1) 1.4 (1) 1.8 (1) 1.6 (1)</td>	1.9 (1) 1.4 (1) 1.8 (1) 1.6 (1)
1959     3,740     1,585     304     474     335     1,040     469     571     14       1960     3,852     1,719     324     499     353     957     502     454     12       1961     4,714     1,806     377     567     411     1,532     728     804     18       1962     3,911     1,663     334     478     323     1,119     534     585     14       1963     4,070     1,751     358     519     354     1,088     535     553     14       1964     3,786     1,697     314     483     319     973     491     482     13       1965     3,366     1,628     286     422     276     755     404     351     11       1966     2,875     1,573     242     335     201     526     287     239     10       1967     2,975     1,634     278     397     218     448     271     177     88	(4) (1) (8) (1) (6) (1)
1960     3,852     1,719     324     499     353     957     502     454     12       1961     4,714     1,806     377     567     411     1,532     728     804     18       1962     3,911     1,663     334     478     323     1,119     534     585     14       1963     4,070     1,751     358     519     354     1,088     535     553     14       1964     3,786     1,697     314     483     319     973     491     482     13       1965     3,366     1,628     286     422     276     755     404     351     11       1966     2,875     1,573     242     335     201     526     287     239     10       1967     2,975     1,634     278     397     218     448     271     177     88	1.8 (1) .6 (1)
1961       4,714       1,806       377       567       411       1,532       728       804       18         1962       3,911       1,663       334       478       323       1,119       534       585       14         1963       4,070       1,751       358       519       354       1,088       535       553       14         1964       3,786       1,697       314       483       319       973       491       462       13         1965       3,366       1,628       286       422       276       755       404       351       11         1966       2,875       1,573       242       335       201       526       287       239       10         1967       2,975       1,634       278       397       218       448       271       177       88	.6 . (1)
1962     3,911     1,663     334     478     323     1,119     534     585     14       1963     4,070     1,751     358     519     354     1,088     535     553     14       1964     3,786     1,697     314     483     319     973     491     462     13       1965     3,366     1,628     286     422     276     755     404     351     11       1966     2,875     1,573     242     335     201     526     287     239     10       1967     2,975     1,634     278     397     218     448     271     177     88	.6 . (1)
1963     4,070     1,751     358     519     354     1,088     535     553     14       1964     3,786     1,697     314     483     319     973     491     482     13       1965     3,366     1,628     286     422     276     755     404     351     11       1966     2,875     1,573     242     335     201     526     287     239     10       1967     2,975     1,634     278     397     218     448     271     177     88	
1964     3,786     1,697     314     483     319     973     491     482     13       1965     3,366     1,628     286     422     276     755     404     351     11       1966     2,875     1,573     242     335     201     526     287     239     10       1967     2,975     1,634     278     397     218     448     271     177     88	7 (')
1965     3,366     1,628     286     422     276     755     404     351     11       1966     2,875     1,573     242     335     201     526     287     239     10       1967     2,975     1,634     278     397     218     448     271     177     88	0 (1)
1966	(۱) 3.
1966	0 (1)
1967	, ,
1060	. ,
1968 2,817 1,594 247 367 197 412 256 156	
1060	4 4 5 8 4 4
	· 44
	6 49
1971 5,016 2,245 458 690 437 1,187 668 519 11	3 63
1972	0 62
1973	
	8 52
1975 7,929 2,940 664 1,097 722 2,505 1,303 1,203 14	2 84
1976	
1977	
1978	
1979 6,137 2,950 558 879 510 1,214 706 535 10	
1980 7,637 3,295 696 1,089 686 1,871 1,052 820 11	
1001	
1982 10,678 3,863 847 1,465 999 3,485 1,708 1,776 15	
	0 87
PERCENT DISTRIBUTION	
1948 1000 572 9.1 13.0 72 13.6 85 51	
1949	
1950	
100 441 04 140 5.2 25.0 12.5 109	.•
	•
1050	
1054	
40.0	-
1956	
1957	
1958 1000 381 79 130 95 316 171 145	<b>-</b> , .
1959	
1060	
1004	-
1060	
100.0 42.4 8.5 12.2 8.3 28.6 13.6 15.0 - 1963 100.0 43.0 88 12.8 8.7 26.7 13.1 13.6	
100 /	•
1994 - 1000 44.8 8.3 12.8 8.4 25.7 12.9 12.7 -	

See fcoinote at enri of table



Table 30. Unemployed persons and percent distribution of the unemployed by duration, 1948-82 —Continued

						15 w	eeks and	over	į	
item	Total	Less than 5 weeks	5 and 6 weeks	7 to 10 weeks	11 to 14 weeks	Total	15 to 26 weeks	27 weeks and over	Average (mean) duration	Median duration
PERCENT DISTRIBUTION—Continued						i :				
1965	100.0	48.4	8.5	12.5	8.2	22.4	12.0	10.4	-	-
1966	100.0	54.7	84	11.7	7.0	18.3	10.0	8.3		
1967	100.0	54.9	9.3	13.3	7.3	<sup>1</sup> 5.1	9.1	5.9		-
1968	100.0	56.6	8.8	13.0	7.0	14.6	9.1	5.5	- 1	
1969	100.0	57.5	9.3	12.9	7.1	13.3	8.5	4.7	-	
1970	100.0	52.3	9.6	13.9	8.1	16.2	10 4	5.7		_
1971	100.0	44.7	9.1	13.8	8.7	23.7	13.3	10.4		_
1972	100.0	45.9	8.8	13.7	7.6	23.9	12.3	11.6		_
1973	100.0	51.0	9.1	13.4	7.7	18.8	11.0	78	- 1	_
1974	100.0	50.6	9.1	13.6	8.2	18.5	11.1	7.4		_
1975	100.0	37.0	8.4	13.8	9.1	31.7	16 ~	15.2		_
1976	100.0	383	8.2	12.9	8.6	32.1	13.8	18.3		_
1977	100.0	41.7	8.4	13.6	8.5	27.9	13.1	14.8		-
1979	100.0	46.2	8.9	13.9	8.3	22.8	12.3	10.5	j - i	_
1979	100.0	48.1	9.1	14.3	8.3	20.2	11.5	8.7	-	_
1980	100.0	43.1	9.1	14.3	9.0	24.6	13.8	10.8		-
1981	100.0	41.7	8.6	13.8	8.3	27.6	13.6	14.0	-	-
1982	100.0	36.4	7.9	13.7	9.4	32.6	16.0	16.6	_	-

<sup>&</sup>lt;sup>1</sup> Not available.



Table 31. Unemployed persons and unemployment rates by sex, age, race, and reason for unemployment, 1967-82

į	<del></del>	Numb	er unempid	yed (thou	sands)		,		U <b>ne</b> mployr	ne <b>nt rate</b>		
item ;		Job	Job	<del>.</del>	Entrants			Job	i ' Job		Entrants	
j	Total	losers	leavers	Totai	Reen- trants	New workers	Total	losers	leavers	Total	Reen- trants	Nev
TOTAL						· · · · · · · · · · · · · · · · · · ·						·
67	2,975	1,229	438	1,341	945	396	3.8	16	0.5	1.7	1.2	. (
68	2,817	1,070	431	1,316	909	407	3.6	1.4	.5	17	1 2	
69	2,832	1,017	436	1,378	965	413	3.5	1.2	.5	1.7		,
70	4,093	1,811	550	1,732	1,228	504	4.9	2.2	.7	2.1	1.5	
71	5,016	2,323	590	2,102	1,472	630 ·	5.9	2.8	.7 :	2.5	1.7	:
2		2,108	641	2,133	1,456	677	5.6	24	.7	24	1.7	
3	4,365	1,694	683	1,989	1,340	649	4.9	1.9	. <b>8</b> :	22	1 5	į
<b>'4</b>	5,156	2,242	768	2,144	1,463	681	5.6	2.4	.8	2.3	1.6	!
5	7,929	4,386	827	2,715	1,892	823	8.5	4.7	.9	29	2.0	İ
<u>'6</u>	7,406	3,679	903 '	2,823	1,928	895	7.7	3.8	. 9 i	2.9	2.0	:
77	6,991	3,166	909	2,916	1,963	953	7.1	3.2	,9	3.0	2.0	ı
8	6,202	2,585	874	2,742	1,857	- 1	6.1	2.5	.8	2.7	1.8	į
9	6,137	2,635	880	2,623	1,806	817	5.8	2.5	.8	2.5	1 7	: :
0	7,637	3,947	891	2,799	1,927	872	7.1	3.7	.8	2.6	1.8	! : !
<u>1</u> i	8,273	4,267	923	3.083		981	7.6	3.9	.8	2.8	1.9	İ
2	10,678	6,268	840	3,5 <del>6</del> 9 ;	2,384	- 1,185 . : '	9.7	5.7	.8	3.3	2.2	'   :
Both sexes, 16 to 19 years						i	i :					
7	839 '	151	95	614	297	ll .	12.9		1.5	9.4	4.6	i
8	838	130	97	- 1	281	330 <sub>;</sub>	12.7	2.0	1.5	9.2	4.2	l
9	853	127	101	626 <sub>:</sub>	295	331 ,	12.2	1.8	1.5	90	4.2	l İ
0	1,106	200	126	779	378	401	15.3	2.8		10 7	5.2	! 
<u>[1</u>	1,262	233 ;	117 ,	911 ;	410	501	16.9			12.2	5.5	
2	1,308	248	129 ]	931	395	536	16.2			11.5	4.9	
3	1,235	212	146 1	877	364	513	14.5		17	10.3	4.3	
4	1,422	280	173	969	436	533	16.0	3.1	2.0	10.9	4.9	
5	1,767	450	155	1,163	529	634	19.9	5.1	1.7	13.1	6.0	
6	1,719	387	153	1,179 -	496	683	19.0	4.3	1.7	13.0	5.5	
7	1,663	318	156	1,188	477	711	17.8	3.4	1.7	12.7	5 1	
8	1.583	300	167	1,115	455	660 i	16.4	3.1	17	11.5	4.7	
9	1,555	319	184	1,051	452	599	161	3.3	1.9	10.9	4.7	
o	1,669	388	156	1,124	481	643	17.8	4.1	1.7	12.0	5.1	
<u> 1</u>	1,763	385	162	915	487	428	19.6	4.3	<b>~</b> 1.8 ∈	13.5	5.4	
2	1,977	460	134	1,383	509	874	23.2	5.4	1.6	16.2	6.0	1
Men, 20 years and over	:					į.	:		į	:	:	
	1,060	678	165	219	194 .	25	23 !			.5		
8	993 i 963 i	599 556 <sub>1</sub>	167 164	227 243	205 216	22 27 <sub>1</sub>	22 ; 21 ;		4 !	.5 i	.4 .5	
	:	:				•		i	!		÷	
0	1,638	1,066	209 ,	362	318	44	3.5	2.2	4	8	.7	
_	2.097	1,391 '	239	468	411	57	44 ;	2.9		10 1	.9	
2	1,948	1,219	248	480	420	60	40 4	25 j		1.0 :	.9	
4	1 624 1 957	959 <sup>-</sup> 1,276 -	258 276	40 <del>6</del> 404	350 356	56 48	33 38 ±	19 <sub>i</sub> 2.5 ;	5 .5	8 8	.7 7	
5	3,476	2,598	200		EVE .	76 '	i		Į.	i		
•	3,098	2.596	298	582 604	506	76	6.8	5.0	6 '	1.1	10.	
б	2,794 ,	1,816	323 335	604 643	521 540	86	59 ·	4 1 t	.6	12 · 11 ·	10	
8	2.794	1,433	335 337 <sup>:</sup>	643 557	540 471	103	5 2 4 3 <sup>†</sup>	3.4	.6		1.0	
9	2,308	1,433	337 325	557 519	471 446	86 73	43	2.6 2.5	.6 ¦	1.1 ! 9	9 .8 ;	
0	3,353	2.389	359	606	516	00		4 2	; . a	4.4		
	0,000					90	59	4 2	.6	1.1	9	
1	3,615	2.565	356	694	592	102	63	4.5	.6	ے 1	1.0	



Table 31. Unemployed persons and unemployment rates by sex, age, race, and reason for unemployment, 1967-82—Continued

		Numb	er unemplo	yed (thous	ands)			<u> </u>	Unemployn	nent rate		
Item					Entrants			lab	lab		Entrants	
	Total	Job losers	Job leavers	Total	Reen- trants	New workers	Total	Job Iosers	Job leavers	Total	Reen- trants	New workers
Women, 20 years and over												
967	1,078	401	179	508	454	54	4.2	1.6	0.7	2.0	1.8	0.2
968	985	341	167	477 !	422	55	3.8	1.3	.6	1.8	1.6	.2
969	1,015	335	171	510	455	55	3.7	1.2	.6	1.9	1.7	.2
970	1,349	546	214	589	531	58	4.8	1.9	.8	2.1	1.9	.2
971	1,658	700	235	723	651	72	5.7	2.5	.8	2.5	2.3	.2
972	1,625	641	264	721	641	80	5.4	2.2	.9	2.4	2.1	.3
973	1,507	522	280	705	625	80	4.9	1.6	.9	2.3	2.0	.3
974	1,777	685	319	773	673	100	5.5	2.1	1.0	2.4	2.1	.3
975	2,684	1,339	375	972	858	114	8.0	4.0	1.1	2.9	2.6	.3
			1	1,038	612	126	7.4	3.2	1.2	3.0	2.6	
976	2,588	1,124	427	1,035	945	140	7.0	2.8	1.2	3.0	2.6	
977	2,535	1,031	419			1	6.0	2.8	1.0	2.8	2.4	
978	2,292	852	371	1,068	930	138	•				7	
979	2,276	<b>8</b> 51	370	1,053	908	145	5.7	2.1	.9	2.7	2.3	"
980	2,615	1,170	376	1,069	930	139	6.4	2.8	.9	2.6	2.3	.3
981	2,895	1,317	404	1,174	1,023	151	6.8	3.1	1.0	2.8	2.4	.4
982	3,613	1,844	379	1,389	1,197	192	8.3	4.2	.9	3.1	2.7	.4
WHITE				i								
967	2,338	987	347	1,033	740	293	3.4	1.4	.5	1.5	1.1	
	2,226	849	346	1,031	718	313	3.2	1.2	.5	1.5	1.0	
968	2,260	816	357	1,088	767	321	3.1	1.1	.5	1.5	1.1	
		4 500	450	4.070		396	4.5	1.1	.5	1.5	1.1	٠.
970	3,339	1,503	456	1,379	983	1	1	2.1	.6	1.8	1.3	
971	4,085	1,928	486	1,671	1,179	492	5.4	2.5	.6	2.2	1.6	
1972 <b>.</b>	,	1,719	531	1,656	1,136	520	5.1	1	1	ì	1	
1973	3,442	1,371	557	1,512	1,032	480	4.3	2.3	.7	2.1	1.5	
1974	4,097	1,813	641	1,543	1,145	498	5.0	1.7	.7	1.9	1.3	
1975	6,421	3,593	706	2,123	1,508	615	7.8	4.3	.8	2.5	1.8	
1976	5,914	2,999	766	2,148	1,484	664	7.0	3.6	.9	2.6	1.8	
1977	5,441	2,529	771	2,142	1,467	675	8.2	2.9	.9	2.5	1.7	.1
978	4,698	2,008	723	1,967	1,369	598	5.2	2.3	.8	2.2	1.5	.:
1979	4,664	2,033	730	1,900	1,338	562	5.1	2.2	.8	2.1	1.5	).
1980	5,884	3,100	733	2,050	1,447	603	6.3	3.3	JE	2.1	1.5	.0
1981		3,335	758		1,565	684	6.7	3.5	.81	2.3	1.6	1 .
1982	8,241	4,949	1	2,594		•	8.6	5.2		2.7	1.9	
BLACK			İ		i	:	i :					
197 <b>2</b>	906	452	5	449	299	150	10.4	5.2	1.	5.2	3.4	1.
1973	846	401	4	440	287	153	9.4	4.5	( <sup>2</sup> )	4.9	3.2	
1974	965	495	•	463	295	168	10.5	5.4	.1	5.0	3.2	1.8
1975	1.369	824	5	540	353	187	14.8	8.9	.1	5.8	3.8	2.
1976		717	:	607	. 401	i 206	14.0	7.5	.1	6.3	4.2	
1977		690	'	698	447	251	14.0	6.9	1.1	7.0	4.5	
1978				690			12.8	6 1		6.6	4.2	2.
1979		659		655	427		123	6.2	.1	6.1	4.0	
1980	1,553	: 1 <b>879</b>	11	63	424	239	143	8.1	1	6 1		
1981	1,731	972	12	747	479	268	15.6	8.8	.1			
1982	2,142	1,279	15	852	524	328	18 9	113	: 1	7 5	4 6	2.

<sup>1</sup> Unemployment as a percent of the civilian labor force



<sup>&</sup>lt;sup>2</sup> Less than 0.05 percent.

Table 32. Long-term unemployment compared with total unemployment by sex, age, and race, 1969-82

Item	1969	1970	1971	1972	1973	1974	1975	1976	1977	1976	1979	1980	1961	1962
							Total un	employed	;					
Total:		1			]			]				T		i
Number		4,093	5,016	4,882	4,365	5,156	7,929	7,406	6,991	6,202	6,137	7,637	8,273	10.678
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SEX AND AGE													<u> </u> 	
Men	49.6	54.7	55.6	54.5	52.0	52.6	56.0	54.4	52.3	50.4	50.6	55.8	55.3	57.9
16 to 19 years	15.6	14.1	13.6	14.6	15.0	14.6	12.2	12.7	12.6	13.2	13.3	12.0	11.6	10.2
16 to 17 years	6.3	7.5	6.9	7.3	6.1	7.7	5.6	6.0	6.0	6.9	6.4	5.6	5.2	4.4
16 to 19 years 20 to 24 years	7.0 9.5	7.2	6.9	7.3	6.9	7.1	6.6	6.7	6.5	6.3	6.9	8.4	6.4	5.8
25 to 44 years	12.7	11.7	12.7 16.6	12.6 15.2	11.9	12.4 15.6	13.5	12.7	12.3	12.1	11.8	13.9	13.6	13.2
45 to 64 years	10.0	10.9	11.1	10.3	9.0	6.6	16.7 10.2	16.0 9.7	17.6 8.4	15.9 7.9	16.5 7.9	21 1	21.3	25.0
65 years and over	1.7	1.7	1.4	1.5	1.3	1.2	1.3	1.3	1.4	1.3	11.2	ι.1 .8	7.9 .7	6.8 .6
Women	50.4	45.2	44.4	48.5	46.0	47.4	440	45.0	4		;   40.4			
16 to 19 years	14.6	45.3 12.4	44.4 11.3	45.5 12.3	46.0 13.4	47.4	44.0	45.6	47.7	49.5	49.4	44.2	44.7	42.1
16 to 17 years	6.6	5.7	5.0	5.7	6.5	13.0 5.9	10.2 4.5	10.6 4.8	11.4 5.2	12.6 6.0	12.3 5.7	10.0 4.6	9.7	8.3
16 to 19 years	7.6	6.7	6.4	6.6	7.0	7.1	5.7	5.6	6.2	6.6	66	4.6 5.4	4.2 5.4	3.4 4.9
20 to 24 years	10.2	9.4	9.7	10.3	10.9	10.9	9.8	10,2	10.7	11.4	11.3	9.8	10.1	9.2
25 to 44 years	15.9	14.4	14.5	14.4	15.2	15.3	15.6	16.4	17.1	17.9	16.3	i7.6	16.3	18.0
45 to 64 years	6.9	6.3	8.0	7.6	7.6	7.5	7.8	7.6	7.6	6.9	6.9	6.3	6.7	6.3
65 years and over	6	.6	.8	.6	.7	.7	.7	.7	.7	.7	6.4	.5	.5	.4
RACE AND SEX										İ				
White		61.6	61.6	80.2	79.2	79.9	61.4	80.3	78.4	76.4	76.8	77.7	76.7	77.2
Men		45.4	46.1	44.6	42.2	42.3	45.9	44.2	41.5	39.1	39.5	41.2	43.3	45.4
Women	39.7	36.2	35.5	35.6	37.0	37.6	35.4	36.1	36.9	37.3	37.3	33.6	33.4	31.6
3lack		(1)	(1)	16.5	19.3	13.6	17.1	17.9	19.6	21.3	21.3	19.6	20.9	20.1
Men		(1)	(1)	9.1	9.0	9.5	9.3	9.3	9.9	10.2	10.2	10.3	10.6	10.9
Women	(1)	(1)	(1)	9.3	10.3	9.0	7.9	6.5	9.9	11.1	11.1	9.3	10.2	9.1
	ļ 					Unempl	oyed 15	weeks a	nd over					
Total:														
Number		663	1,187	1,167	626	955	2,505	2,366	1,942	1,414	1,241	1.871	2,285	3,485
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
SEX AND AGE					. 1				-					
Men	54.0	60.1	62.1	61.7	59.2	60.4	61.5	60.5	58.6	56.0	57.8	63.6	62.6	64.4
16 to 19 years 15 to 17 years	9.1	9.2	9.3	9.1	9.0	11.0	7.7	7.4	7.6	6.2	6.2	7.7	8.0	6.9
16 to 19 years		4.5 4.7	4.1	4.0	4.2	4.5	2.7	2.6	2.9	3.1	3.1	3.1	2.7	2.2
20 to 24 years	7.5	10.0	5.2 12.1	5.1 12.6	4.8 11.9	6.5 12.2	5.0 14.9	4.8   13.3	4.7 12.6	5.1 12.7	5.2 11.5	4.6 14.6	5.3 15.4	4.5 13.9
25 to 44 years	15.2	16.9	21.2	20.5	20.9	20.0	23.1	22.6	22.6	21.5	22.7	28.7	27.5	31.1
45 to 64 years	18.4	17.6	16.8	16.6	14.9	14.7	13.6	15.2	11.8	13.3	13.6	119	111	11.6
65 years and over	3.7	4.2	2.7	2.9	2.5	2.6	2.1	2.0	2.1	2.4	1.9	.6	.6	.7
Women	46.0	39.9	37.9	38.4	40.6	39.6	36.5	39.5	41.2	42.0	42.3	36.2	37.2	35.6
16 to 19 years	8.6	7.1	5.8	6.6	7.8	7.4	5.1	5.4	5.6	6.7	6.1	4.6	52	4.5
16 to 17 years	3.2	3.2	1.9	2.5	3.0	3.0	2.0	1.9	2.3	2.5	2.2	1.6	1.8	1.3
18 to 19 years	5.3	3.9	3.8	4.1	4.8	4.4	3.1	3.5	3.6	4.1	3.9	30	3.3	3.3
20 to 24 years	7.2	6.9	7.1	6.6	6.0	6.2	7.7	7.8	8.3	8.6	9.4	7.1	7.3	7.2
25 to 44 years	15.6	14.0	14.2	13.4	13.8	12.9	15.4	15.5	16.3	16.8	16.0	16.8	17.3	16.7
45 to 64 years 65 years and over		10.6	9.8 1.0	10.3	10.2	10.0	9.2	9.7	9.6	6.7	6.2	7.1	7.1	6.8
RACE AND SEX		۱.۲		1.4	1.0	1.2	1.0	1.2	1.2	.9	.6	.5	.4	.4
White	78.9	61.3	60.9	80.6	77.1	77.6	60.3	60.2	77.4	72 2	72.9	75.5	73.2	74.9
Men	44.5	50.0	51.1	50.5	46.9	46.9	49.7	48.6	45.3	42.1	42.9	49.2	47.3	49.3
Women		31.3	30.0	30.1	30.2	30.7	30.7	31.6	32.1	30.0	30.0	26.2	25 9	25.6
Black	(')	(1)	(1)	17.9	21.9	21.2	18.1	18.2	21.0	25.5	25.4	22 1	24 3	22 8
Men	(1)	(1)	(1)	10.0	11.7	12.7	11.0	10.9	12.5	14.4	13.9	130	140	13 6
Women	(1)	(')	(1)	7.7	10.1	8.5	7.1	7.2	6.6	11.0	,	1		



Table 32. Long-term unemployment compared with total unemployment by sex, age, and race, 1969-82—Continued

Item	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
						Unemp	oyed 27	weeks a	nd over					
otal:					<u> </u>									
Number	133	235	519	566	343	381	1,203	1,348	1.028	648	535	820	1,162	1,17
Percent	1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
SEY AND AGE														
len	56.1	62.4	62.3	62.3	61.4	63.0	62.9	61.5	60.9	59.4	59.7	64.8	66.3	66.
16 to 19 years		5.5	7.2	6.9	7.2	8.0	5.5	5.1	5.9	6.2	7.1	5.2	6.5	5.
16 to 17 years		3.4	2.7	3.0	3.0	2.9	1.6	1.7	2.1	2.4	2.5	2.1	2.1	1
18 to 19 years	3.0	2.1	4.4	3.9	4.2	5.1	3.9	3.4	3.9	3.9	4.8	3.1	4.5	4
20 to 24 years		9.3	1.0	10.9	10.9	10.2	13.8	12.6	12.2	11.1	9.1	14.3	15.1	13
25 to 44 years		20.3	21.3	21.9	21.9	23.1	24.6	24.2	23.9	22.3	24.7	30.0	30.6	33
45 to 64 years		21.5	19.3	18.9	18.9	18.0	16.3	17.7	15.9	16.6	16.4	14.1	13.0	13
65 years and over		5.9	3.5	3.7	3.3	3.5	2.7	1.9	2.9	3.5	2.3	1,1	.9	
omen	43.9	37.6	37.9	37.7	38.6	37.0	37.1	38.5	39.0	40.6	<b>.</b> ≎.ე.3	35.0	33.8	33
16 and 19 years		4.2	5.0	4.3	6.6	5.4	3.7	4.0	4.4	5.5	5.0	3.9	3.8	3
16 to 17 years		1.3	1.5	1.8	1.8	2.1	1.5	1.3	1.7	1.7	1.7	1.2	1.1	1
18 to 19 years	6.1	3.0	3.5	2.5	4.8	3.2	2.2	2.8	2.8	3.9	3.3	2.6	2.7	2
20 to 24 years	: 6.1	5 9	6.0	6.0	6.9	7.0	6.6	7.0	7.2	7.7	8.7	6.9	6.1	
25 to 44 years	15.2	13.9	14.1	14.1	12.3	11.3	14.8	15.1	15.8	16.7	16.4	15.8	15.9	16
45 to 64 years		11.8	11.4	11.7	11.7	11.8	10.6	11.1	10.3	9.3	10.0	7.9	7.5	7
65 years and over	: _	1.7	1.4	1.6	1.2	1.3	1.5	1.3	1.5	1.1	.6	.6	.5	
RACE AND SEX	!	Ì	ļ	1		į	!		i 1			į		
/hite	78.2	80.0	61.4	81.5	77.2	77.2	80.3	79.6	76.7	69.8	69.3	73.1	71.0	72
Men		52.3	51.8	51.3	49.1	49.3	50.5	49.1	47.1	42.2	42.1	48.6	48.0	48
Women.		27.7	29.8	. 30.1	28.1	27.9	29.8	30.4	29.7	27.6	27.2	24.3	23.0	23
ack	(1)	(¹)	(1)	17.1	22.0	22.0	18.4	18.9	21.9	28.0	29.2	24.5	26.6	31
Men				10.1	11.9	13.1	11.7		13.0	15.6	16.6	14.6	16.4	24
Women		(1)	· (1)			8.8	6.7		9.0	12.2	12.4	9.8	10.1	13

<sup>1</sup> Not available.



Table 33. Long-term unemployment by industry and occupation, 1969-82

Industry and occupation	1969	1970	19711	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	198
					Ū	nemplo	yed 15	weeks	and ove	ır				
Total:				ļ		<u> </u>	Ţ	Τ		T	Γ	Ţ		;
Number	375	663	1.187	1,167	826	955	2,505	2,366	1,942			1,871		3,48
Percent	100.0	100.0	100.0	100 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
INDUSTRY		!	1			ļ	!	i			1	İ	•	
Agriculture	3.2	2.1	1.3	1.3	1.8	1.7	1.3	1.8	1.9	1.6	1.5	1.5	1.6	1
Nonagricultural industries	87.0 85.1	88.4	90.1 88.3	89.0	86.8	87.2	92.3	90.9	88.1	87.4	88.6	91.0	89.6	90.
Mining	8	.3	.6	.5	85.2	86.1	90.9	89.6	86.8	' 85.7 6	86.6	89.5	87.7	· 88.
Construction	9.0	10.6	8.1	10.0	10.7	10.5	11.8	10.9	10.0	8.8	9.2	10.9	10.9	1 10.
Manufacturing	28.6	34.9	36.4	31.8	25.2	26.3	36.1	29.1	24.6	24.5	25.1	34.0	28.8	31.
Durable goods	16.4	22.4	24.9	20.1	14.2	14.7	23.7	18.5	14.4	14.4	14.4	23.1	18.6	21.
Nondurable goods Transportation and public utilities	12.2	12.6	11.5	11.7	11.1	11.5	12.4	10.6	10.2	10.1	10.7	10.8	10.2	1 9
Wholesale and retail trade	18.0	3.8	3.7 18.2	18.0	19.1	4.3 20.4	17.5	19.5	20.4	4.4	4.8	5.0	4.8	4.
Finance and services	21.5	18.9	18.7	20.3	22.3	20.9	18.2	20.7	23.4	19.4 24.0	18.3 23.9	16.7	17.1	i 17. i 19.
Public administration	3.2	2.7	2.6	2.3	2.8	3.5	2.7	3.5	3.6	4.1	4.2	3.7	4.1	3
Self-employed and unpaid family workers	1.9	1.4	1.8	1.4	1.6	1.1	1.4	1.3	1.3	1.7	2.0	1.5	1.9	1.
Persons with no previous work experience	9.8	9.5	8.6	9.7	11.3	11.1	6.4	7.4	10.0	10.9	10.0	7.5	8.8	7.
OCCUPATION		ļ	ļ		į		!	1				ĺ	1	İ
Professional and technical workers	. 5.6	7.0	8.5	6.7	7.4	6.5	5.4	6.6	6.9	7.4	7.3	5.2	5.4	5.
Managers and administrators, except farm	4.0	3.6	3.8	4.4	4.2	4.9	4.5	5.6	5.8	5.3	5.7	4.4	4.3	4.
Sales workers	5.3	4.1	4.2	4.7	4.9	4.6	4.1	3.9	4.7	4.1	4.0	3.8	3.3	3.
Clerical workers	13.3	13.5	13.4	14.6	13.3	14.5	13.6	14.8	14.9	14.1	13.5	11.5	12.9	11.
Operatives	8.8 27.7	12.0	12.1 27.8	12.2	11.7	11.2 22.4	14.5	13.8	11.9	11.6	11.2	13.6	13.9	14.
Operatives, except transport		-	27.0	20.9	18.1	18.1	24.4	23 3 19.0	20.8	21.2 17.3	22.2 18.1	29.1 23.6	25.8 20.8	27. 22.
Transport equipment operatives	.i —	_	_	3.9	3.9	4.3	4.3	4.3	4.1	3.9	4.2	5.6	5.0	5.
Nonfarm laborers	8.3	9.5	9.0	9.8	9.5	9.9	10.5	9.9	9.5	9.3	10.1	11.5	11.0	11.
Private household workers	. 1.9	.9	.7	.8	1.0	.7	.5	.5	.5	.7	.7	.4	.4	
Service workers, excluding private household	12.8	11.6	11.1	11.6	13.3	13.0	11.1	13.1	13.6	14.0	14.4	12.1	13.4	12.8
Farmers and farm managers Farm laborers and supervisors	. 2.1	1.8	.8	.9	1.2	1.1	.6	1.1	.1 1.6	1.2	.1 .9		-	
Persons with no previous work experience	9.9	9.5	8.6	9.7	11.3	11.1	6.4	7.4	10.0	10.9	10.0	1.0 7.5	1.2 8.8	1.1 7.8
,		L			٠	L	l	L	l	,		′		, , 
Tatal		r.— .—. r			ا <b>ن</b> 	iem sioy	/eu 2/ \	Weeks E	Ind over		<del></del>	······································	,	
Total:	400													
Number Percent	133	235 100.0	519 100.0	566	343	381	1,203	1,348	1,028	648	535	. 1		1,776
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0 j	100.0	100.0	100.0	100.0
INDUSTRY										1		- 1		i
			1.0	1 2	1 4 0	1.8	1.0	1.3	1.6	1.1	0.8	1.1	1.2	1.5
Agriculture	1.5	1.7		1 2	1.2						i			91.2
Nonagricultural industries	. 88.7	90.3	90.7	89.7	86.9	86.9	93.3	92.3	88.6	88.1 j	88.8	91.4	90.6	000
Nonagricultural industries	. 88.7 . 85.7	90.3 88.2	90.7 88.2	89.7 88.3	86.9 84.8	86.9 85.8	93.3 91.5	91.1	87.4	85.6	85.9	91.4   89.8	88.6	
Nonagricultural industries  Wage and salary workers  Mining  Construction	88.7 85.7 8	90.3	90.7	89.7	86.9 84.8 .6	86.9 85.8 .3	93.3 91.5 .3	91.1 .5	87.4 .3	85.6 5	85.9 .8	91.4 89.8 .7	88.6 .8	1.5
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing	88.7 85.7 8 6.8 28.8	90.3 88.2 .4	90.7 88.2 .6	89.7 88.3 .7	86.9 84.8	86.9 85.8	93.3 91.5	91.1	87.4	85.6	85.9	91.4   89.8	88.6	1.5 10.5
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods	. 88.7 85.7 . 8 . 6.8 . 28.8 . 15.8	90.3 88.2 .4 7.2 37.6 24.1	90.7 88.2 .6 6.4 38.1 27.1	89.7 88.3 7 7.1 34.2 23.1	86.9 84.8 .6 8.9 26.2 15.8	86.9 85.8 .3 8.0 27.3 15.8	93.3 91.5 .3 11.7 37.0 24.9	91.1 .5 10.9 32.1 21.4	87.4 .3 10.0 24.4 14.4	85.6 5 7.9 24.6 14.8	85.9 .8 7.5 25.5 14.9	91.4 89.8 .7 10.2 34.8 23.8	88.6 .8 9.6 33.5 22.6	1.5 10.3 32.8 23.2
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods	88.7 85.7 8 6.8 28.8 15.8	90.3 88.2 .4 7.2 37.6 24.1 13.5	90.7 88.2 .6 6.4 38.1 27.1	89.7 88.3 7 7.1 34.2 23.1 11.0	86.9 84.8 .6 8.9 26.2 15.8 10.7	86.9 85.8 .3 8.0 27.3 15.8 11.5	93.3 91.5 .3 11.7 37.0 24.9 12.1	91.1 .5 10.9 32.1 21.4 10.7	87.4 .3 10.0 24.4 14.4 10.0	85.6 5 7.9 24.6 14.8 9.8	85.9 .8 7.5 25.5 14.9 10.8	91.4 89.8 .7 10.2 34.8 23.8 11.0	88.6 .8 9.6 33.5 22.6 10.9	1.5 10.3 32.5 23.2 9.6
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade	88.7 85.7 8. 6.8 28.8 15.8 12.8 5.3	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7	89.7 88.3 7 7.1 34.2 23.1 11.0 5.3	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9	91.1 .5 10.9 32.1 21.4 10.7 4.8	87.4 .3 10.0 24.4 14.4 10.0 4.9	85.6 .5 7.9 24.6 14.8 9.8 4.4	85.9 .8 7.5 25.5 14.9 10.8 5.6	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7	88.6 .8 9.6 33.5 22.6 10.9 5.3	1.5 10.3 32.8 23.2 9.6 4.8
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services	88.7 85.7 8 6.8 28.8 15.8 12.8 5.3 19.5	90.3 88.2 .4 7.2 37.6 24.1 13.5	90.7 88.2 .6 6.4 38.1 27.1	89.7 88.3 7 7.1 34.2 23.1 11.0	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9	85.6 5 7.9 24.6 14.8 9.8 4.4 18.8	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7	88.6 .8 9.6 33.5 22.6 10.9 5.3 15.4	1.5 10.3 32.9 23.2 9.6 4.6 16.4
Nonagricultural industries  Wage and salary workers  Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale and retail trade Finance and services Public administration	88.7 85.7 8 6.8 28.8 15.8 12.8 5.3 19.5 21.1	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9	91.1 .5 10.9 32.1 21.4 10.7 4.8	87.4 .3 10.0 24.4 14.4 10.0 4.9	85.6 .5 7.9 24.6 14.8 9.8 4.4	85.9 .8 7.5 25.5 14.9 10.8 5.6	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7	88.6 .8 9.6 33.5 22.6 10.9 5.3	1.5 10.3 32.9 23.2 9.6 4.8 16.4 20.2
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers	88.7 85.7 8 6.8 28.8 15.8 12.8 5.3 19.5 21.1 3.8	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7 17.2 19.0 3.3 2.5	89.7 88.3 7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 2.1	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2	85.6 7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 2.7	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7 17.5 18.3 3.5	88.6 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0	89.5 1.5 10.3 32.9 23.2 9.6 4.8 16.4 20.2 3.4
Nonagricultural industries Wage and salary workers Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale and retail trade Finance and services Public administration Self-employed and unpaid family workers Persons with no previous work experience	88.7 85.7 8 6.8 28.8 15.8 12.8 5.3 19.5 21.1 3.8	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7 17.2 19.0 3.3	89.7 88.3 7 7.1 34.2 23.1 11.0 5.3 17.4 21.4	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5	85.6 .5 7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7 17.5 18.3 3.5	88.6 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3	1.5 10.3 32.9 23.2 9.6 4.8 16.4 20.2 3.4
Nonagricultural industries  Wage and salary workers  Mining Construction Manufacturing Durable goods Nondurable goods Transportation and public utilities Wholesale and retail trade Finance and services Public administration Self-employed and unpaid family workers Persons with no previous work experience	88.7 85.7 8 6.8 28.8 12.8 12.8 5.3 19.5 21.1 3.8 3.0 9.8	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0	90.7 88.2 .6 6.4 38.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 2.1 1.6 8.9	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8	85.6 .5 7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 10.9	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 2.7	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7 17.5 18.3 3.5	88.6 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0	1.5 10.3 32.9 23.2 9.6 4.8 16.4 20.2 3.4
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work experience  OCCUPATION  Professional and technical workers	88.7 85.7 8 6.8 15.8 12.8 5.3 19.5 21.1 3.0 9.8	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 2.1 1.6 8.9	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8 5.7	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8	85.6 5 7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 10.9	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 2.7 10.6	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5	88.6 .8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0 8.3	1.5 10.3 32.9 23.2 9.6 4.8 16.4 20.2 3.4 1.7 7.3
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work experience  OCCUPATION  Professional and technical workers  Managers and administrators except farm	88.7 85.7 8 6.8 15.8 12.8 5.3 19.5 21.1 3.0 9.8	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 2.1 1.6 8.9	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1 11.5	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8 5.7	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4 5.5	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8	85.6 5 7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 10.9	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 2.7 10.6	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5	88.8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0 8.3	1.5 10.3 32.9 23.2 9.6 4.8 16.4 20.2 3.4 1.7 7.3
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work experience  OCCUPATION  Professional and technical workers  Managers and administrators except farm  Sales workers	88.7 85.7 8.8 6.8 28.8 15.8 12.8 5.3 19.5 21.1 3.8 9.8	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0 9.3 5.5 4.2	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 21.4 1.6 8.9	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1 11.5 5.1 5.1 5.3	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8 5.7	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4 5.5 3.7	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8	85.6 57.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 10.9	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 27 10.6 8.1 6.8 3.3	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5	88.8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0 8.3 4.2 2.7	1.5 10.3 32.8 23.4 9.6 4.8 16.4 20.2 3.4 1.7 7.3
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work experience  OCCUPATION  Professional and technical workers  Managers and administrators except farm  Sales workers  Clerical workers	88.7 85.7 8.6 8.8 28.8 15.8 12.8 5.3 19.5 21.1 3.8 3.0 9.8 5.3	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 2.1 1.6 8.9	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9 8.3 4.2 5.1 12.8	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1 11.5 5.1 5.3 15.5	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8 5.7	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4 5.5 3.7	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8	85.6 7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 10.9 8.5 6.8 3.6 13.0	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 2.7 10.6	91.4 89.8 .7 10.2 34.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5	88.8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0 8.3 5.1 4.2 2.7 11.0	1.5 10.3 32.8 23.4 9.6 4.8 16.4 20.2 3.4 1.7 7.3
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work experience  OCCUPATION  Professional and technical workers  Managers and administrators except farm  Sales workers  Clerical workers  Craft and kindred workers	88.7 85.7 8.6 6.8 15.8 12.8 5.3 19.5 21.1 3.8 3.0 9.8 5.3 19.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0 9.3 5.5 4.2 12.7	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3 9.1 4.4 3.9 13.5	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 21.4 1.6 8.9 7.5 4.6 4.8 14.8	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1 11.5 5.1 5.1 5.3	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8 5.7	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4 5.5 3.7	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8	85.6 57.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 10.9	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 27 10.6 8.1 6.8 3.3	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5	88.8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0 8.3 4.2 2.7	1.5 10.3 32.8 9.6 4.8 16.4 20.2 3.4 1.7 7.3 5.1 4.6 3.1 11.0 14.6
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work experience  OCCUPATION  Professional and technical workers  Managers and administrators except farm  Sales workers  Clerical workers  Clerical workers  Operatives  Operatives  Operatives	88.7 85.7 8 6.8 15.8 12.8 5.3 19.5 21.1 3.0 9.8 5.3 19.5 21.1 3.0 9.8	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0 9.3 5.5 4.2 12.7	90.7 88.2 .6 6.4 38.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3 9.1 4.4 3.9 13.5 12.8	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.1 1.6 8.9 7.5 4.6 4.8 14.8 11.4 25.1 21.2	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9 8.3 4.2 5.1 12.8 11.8 12.8 12.8 11.8	86.9 85.8 .3 8.0 27.3 15.8 19.8 20.9 4.8 1.1 5.3 15.5 15.5 15.5 15.5 17.6	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8 5.7	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4 5.5 3.7 15.1	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8 7.5 6.4 4.7 14.2 11.9	85.6 5 7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 10.9 8.5 6.8 3.6 13.0 11.4	85.9 .8 .7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 2.7 10.6 8.1 6.8 3.3 13.3 11.2	91.4 89.8 .7 10.2 34.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5	88.8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0 8.3 2.1 4.2 2.7 11.0 13.9	1.5 10.3 32.8 23.2 9.6 4.8 20.2 3.4 1.7 7.3 5.1 11.0 14.6 28.3
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work experience  OCCUPATION  Professional and technical workers  Managers and administrators except farm  Sales workers  Certal workers  Craft and kindred workers  Operatives  Operatives  Operatives  Operatives, except transport  Transport equipment operatives	88.7 85.7 8 6.8 15.8 12.8 5.3 19.5 21.1 3.0 9.8 5.3 19.5 21.1 3.0 9.8	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0 9.3 5.5 4.2 12.7 11.8 27.0	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3 9.1 4.4 3.9 13.5 12.8 27.5	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 2.1 1.6 8.9 7 5 4.6 4.8 14.8 14.8 15.1 21.2 3.9	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9 8.3 4.2 5.1 12.8 11.6 22.9 18.8 4.2	86.9 85.8 .3 87.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1 11.5 5.1 15.5 10.2 22.5 17.6 4.8	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 5.7 5.4 3.8 14.2 14.6 29.0 24.7 4.3	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4 5.5 3.7 15.1 14.1 25.2 20.5 4.7	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8 7.5 6.4 4.7 14.2 11.9 20.7 16.7 4.0	85.6 7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 10.9 8.5 6.8 3.6 13.0 11.4 21.6 17.9 3.8	85.9 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 2.7 10.6 8.1 6.8 3.3 13.3 11.2 21.6 17.4 4.2	91.4 89.8 .7 10.2 34.8 23.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5 5.0 5.4 3.9 10.3 13.3 28.9 23.8 5.1	88.8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0 8.3 5.1 4.2 2.7 11.0 13.9 24.1 5.5	1.9 10.3 32.8 23.2 9.6 4.8 20.2 3.4 1.7 7.3 5.1 11.0 28.3 22.5 5.9
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work expenience  OCCUPATION  Professional and technical workers  Managers and administrators except farm  Sales workers  Clerical workers  Clerical workers  Operatives  Operatives, except transport  Transport equipment operatives.	88.7 85.7 8.8 8.8 15.8 12.8 5.3 19.5 21.1 3.8 9.8 5.3 19.5 21.1 3.6 9.8	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0 9.3 5.5 4.2 12.7 11.8 27.0	90.7 88.2 .6 6.4 38.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3 9.1 4.4 3.9 13.5 12.8 27.5 ————————————————————————————————————	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 21.4 1.6 8.9 7.5 4.6 4.8 14.8 11.4 25.1 21.2 3.9 9.3	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9 8.3 4.2 5.1 12.8 11.6 22.9 18.8 4.2 8.0	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1 5.3 15.5 10.2 22.5 17.6 4.8 8.3	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8 5.7 5.4 3.8 14.2 14.6 29.0 24.7 4.3 10.3	91.1 .5 10.9 32.1.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4 5.5 3.7 15.1 14.1 25.2 20.5 47 9.7	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8 7.5 6.4 4.7 14.2 11.9 20.7 16.7 4.0 9.5	85.6 5.7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 13.9 8.5 6.8 3.6 13.0 11.4 21.6 17.9 3.8 8.5	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 2.7 10.6 8.1 6.8 3.3 11.2 21.6 17.4 4.2 8.9	91.4 89.8 7 10.2 34.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5 5.0 3.9 10.3 13.3 28.9 23.8 5.1 12.3	88.8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.7 11.0 13.9 24.1 5.5 11.9	1.9 10.3 23.2 9.6 4.8 4.8 20.2 3.4 1.7 7.5 5.1 14.6 28.3 22.2 5.9 11.5
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work experience  OCCUPATION  Professional and technical workers  Managers and administrators except farm  Sales workers  Clerical workers  Craft and kindred workers  Operatives  Operatives  Operatives, except transport  Transport equipment operatives  Nonfarm laborers  Private household workers	88.7 85.7 8.8 6.8 28.8 15.8 12.8 5.3 19.5 21.1 3.8 3.0 9.8 5.3 4.5 6.1 15.2 7.6 26.5 7.6	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0 9.3 5.5 4.2 12.7 11.8 27.0	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3 9.1 4.4 3.9 13.5 12.8 27.5 ————————————————————————————————————	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 21.4 1.6 8.9 7.5 4.6 4.8 14.8 11.4 25.1 21.2 3.9	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9 8.3 4.2 5.1 12.8 11.6 22.9 18.8 4.2 8.9	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1 5.3 15.5 10.2 22.5 17.6 4.8 8.3 5	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8 5.7 5.4 5.4 5.4 5.4 5.7 4.9 14.9 17.4 17.6 2.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4 5.5 3.7 15.1 14.1 25.2 20.5 4.7 9.7	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8 7.5 6.4 4.7 14.2 11.9 20.7 16.7 4.0 9.5 5.5	85.6 5 7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 10.9 8.5 6.8 3.6 13.0 11.4 21.6 17.9 3.8 8.5 6.8	85.9 .8 .7.5 .25.5 .14.9 .10.8 .5.6 .16.6 .25.5 .4.6 .27 .10.6 .8.1 .6.8 .3.3 .13.3 .11.2 .21.6 .4.2 .8.9 .8.9	91.4 89.8 7 10.2 34.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5 5.0 5.4 3.9 10.3 13.3 28.9 23.8 5.1 12.3	88.8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0 13.9 2.7 11.0 13.9 24.1 5.5 11.9 3	1.9 10.3 32.8 23.2 9.6 4.8 4.8 20.4 3.4 1.7 7.3 5.1 14.6 3.1 11.0 22.5 5.1 11.5 5.1
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work experience  OCCUPATION  Professional and technical workers  Managers and administrators except farm  Sales workers  Clerical workers  Craft and kindred workers  Operatives  Operatives  Operatives  Operatives  Operatives  Private household workers  Service workers, excluding private household  Farmers and farm managers	88.7 85.7 8.8 6.8 15.8 12.8 5.3 19.5 21.1 3.8 3.0 9.8 5.3 4.5 6.1 15.2 7.6 26.5 7.6 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0 9.3 5.5 4.2 12.7 11.8 27.0	90.7 88.2 .6 6.4 38.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3 9.1 4.4 3.9 13.5 12.8 27.5 ————————————————————————————————————	89.7 88.3 .7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 21.4 1.6 8.9 7.5 4.6 4.8 14.8 11.4 25.1 21.2 3.9 9.3	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9 8.3 4.2 5.1 12.8 11.6 22.9 18.8 4.2 8.0	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1 5.3 15.5 10.2 22.5 17.6 4.8 8.3	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8 5.7 5.4 3.8 14.2 14.6 29.0 24.7 4.3 10.3	91.1 .5 10.9 32.1.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4 5.5 3.7 15.1 14.1 25.2 20.5 47 9.7	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8 7.5 6.4 4.7 14.2 11.9 20.7 16.7 4.0 9.5 .5	85.6 5.7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 13.9 8.5 6.8 3.6 13.0 11.4 21.6 17.9 3.8 8.5	85.9 .8 7.5 25.5 14.9 10.8 5.6 16.6 25.5 4.6 2.7 10.6 8.1 6.8 3.3 11.2 21.6 17.4 4.2 8.9	91.4 89.8 7 10.2 34.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5 5.0 3.9 10.3 13.3 28.9 23.8 5.1 12.3	88.8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.7 11.0 13.9 24.1 5.5 11.9	1.5 10.3 32.8 9.6 4.0 3.4 1.7 7.3 5.1 14.6 28.3 22.5 5.9 11.5 5.9
Nonagricultural industries  Wage and salary workers  Mining  Construction  Manufacturing  Durable goods  Nondurable goods  Transportation and public utilities  Wholesale and retail trade  Finance and services  Public administration  Self-employed and unpaid family workers  Persons with no previous work experience  OCCUPATION  Professional and technical workers  Managers and administrators except farm  Sales workers  Clerical workers  Clerical workers  Operatives  Operatives  Operatives  Operatives	88.7 85.7 8.6 8.8 15.8 12.8 5.3 19.5 21.1 3.0 9.8 5.3 4.5 6.1 15.2 7.6 26.5 	90.3 88.2 .4 7.2 37.6 24.1 13.5 5.1 14.3 21.1 3.0 1.7 8.0 9.3 5.5 4.2 12.7 11.8 27.0	90.7 88.2 .6 6.4 38.1 27.1 11.0 3.7 17.2 19.0 3.3 2.5 8.3 9.1 4.4 3.9 13.5 12.8 27.5 ————————————————————————————————————	89.7 88.3 7 7.1 34.2 23.1 11.0 5.3 17.4 21.4 21.4 21.4 21.4 21.4 21.4 21.4 21	86.9 84.8 .6 8.9 26.2 15.8 10.7 4.8 19.0 22.0 3.3 2.1 11.9 8.3 4.2 5.1 12.8 11.6 22.9 18.8 4.2 8.0 9.13.7	86.9 85.8 .3 8.0 27.3 15.8 11.5 4.8 19.8 20.9 4.8 1.1 5.3 15.5 10.2 22.5 17.6 4.8 8.3 5	93.3 91.5 .3 11.7 37.0 24.9 12.1 4.9 17.4 17.6 2.8 1.8 5.7 5.4 5.4 5.4 5.4 5.7 4.9 14.9 17.4 17.6 2.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1	91.1 .5 10.9 32.1 21.4 10.7 4.8 18.3 20.1 3.4 1.3 6.4 5.5 3.7 15.1 14.1 25.2 20.5 4.7 9.7	87.4 .3 10.0 24.4 14.4 10.0 4.9 19.9 24.3 3.5 1.2 9.8 7.5 6.4 4.7 14.2 11.9 20.7 16.7 4.0 9.5 5.5	85.6 5 7.9 24.6 14.8 9.8 4.4 18.8 25.3 4.1 2.5 10.9 8.5 6.8 3.6 13.0 11.4 21.6 17.9 3.8 8.5 6.8	85.9 .8 .7.5 .25.5 .14.9 .10.8 .5.6 .16.6 .25.5 .4.6 .27 .10.6 .8.1 .6.8 .3.3 .13.3 .11.2 .21.6 .4.2 .8.9 .8.9	91.4 89.8 7 10.2 34.8 11.0 4.7 17.5 18.3 3.5 1.6 7.5 5.0 5.4 3.9 10.3 13.3 28.9 23.8 5.1 12.3	88.8 9.6 33.5 22.6 10.9 5.3 15.4 19.6 4.3 2.0 13.9 2.7 11.0 13.9 2.9 11.9	1.5 10.3 32.9 23.2 9.6 4.8 16.4 20.2 3.4 1.7 7.3

<sup>&</sup>lt;sup>1</sup> See note on table 28 regarding comparability of occupational unemployment data for 1971 and 1972 with earlier years.



Table 34. Unemployed job seekers by the job search methods used, sex, age, and race, 1972-82

	Total			Percent usin	ng method		4	Average
Year, sex, age, and race	jobseek- ers (thou- sands)	Public employ- ment agency	Private employ- ment agency	Employer directly	Friends or relatives	Placed or answered ads	Other	number of methods used
1972							Í	
otal	4,167	28.4	8.8	71.9	13.8	26.0	6.3	1.5
16 to 19 years	1,220	18.4	5.3	78.5	13.4	20.7	3.7	1.40
	1,000	32.6	10.0	72.0	12.4	28.6	4.6	1.6
20 to 24 years	713	33.9	10.8	70.7	15.5	27.7	6.1	1.6
25 to 34 years	457	35.2	12.1	67.7	13.7	29.4	7.0	1.6
35 to 44 years	- 1	31.8	10.7	66.9	13.5	28.7	10.7	1.6
45 to 54 years	393	27.7	7.1	62.6	16.8	25.4	13.6	1.5
55 years and over	384	21.1	7.1	UE.U	10.0			
	2,222	31.2	8.9	72.6	15.8	24.1	8.1	1.6
en	658	18.5	4.6	80.9	15.8	18.6	3.1	1.4
16 to 19 years	546	35.9	10.2	73.5	14.0	27.7	5.4	1.6
20 to 24 years			11.6	71.8	18.5	27.3	8.2	1.7
25 to 34 years	358	40.2		67.5	15.8	27.0	11.2	1.7
35 to 44 years	217	41.3	14.9	1	13.8	26.1	17.8	1.6
45 to 54 years	203	34.5	11.3	64.5			17.6	1.5
55 years and over	240	30.1	6.3	61.1	16.7	22.2	17.0	1
	4.0.5	25.0	ים י	71.0	11.6	28.1	4.1	1.4
/ornen	1,945	25.2	8.7	71.0		23.4	4.5	1.3
16 to 19 years	563	18.2	6.2	75.7	10.5	1 '	3.6	1.
20 to 24 years	454	28.6	9.8	70.0	10.3	30.1	4.3	1.5
25 to 34 years	355	27.3	10.0	69.9	12.1	28.3		ł
35 to 44 years	240	29.6	9.6	68.0	11.7	31.2	3.3	1.
45 to 54 years	190	28.4	10.0	69.4	13.2	31.5	3.2	1.
55 years and over	144	23.8	8.4	65.0	16.8	30.1	7.7	1.5
33 years and over		1	1					4.
Vhite	3,276	<b>26</b> .5	9.3	72.5	13.7	27.7	6.3	1.
Men	1,789	29.6	9.4	73.0	15.6	25.7	8.3	1.0
Women	1,490	22.4	9.4	72.0	11.5	30.2	3.6	1.4
	827	35.5	6.6	69.5	14.0	19.2	5.9	1.
Black	400	37.1	7.1	71.6	15.7	17.0	6.9	1.5
Men	427	34.1	6.4	67.5	12.1	21.1	5.0	1.4
Women	421	34		1				İ
1973	ĺ		1				0.0	١
Total	3,764	26.0	7.5	71.7	14.1	26.2	8.6	1.5
16 to 19 years	1,159	17.1	4.5	79.0	14.0	22.1	3.8	1.4
20 to 24 years		30.1	8.0	72.4	14.2	28.9	4.4	1.5
25 to 34 years	•	32.1	11.2	69.8	13.6	28.2	6.6	1.0
35 to 44 years	1	31.6	6.5	66.5	12.8	27.1	8.3	1.5
45 to 54 years	1	26.9	9.0	65.4	14.9	27.0	11.4	1.5
	1 000	23.6	7.1	59.1	15.9	25.3	16.2	1.4
55 years and over	250	20.0				İ		
Men	1,917	28.5	7.4	72.8	15.8	24.6	8.7	1.
16 to 19 years	1	16.6	4.0	81.5	15 3	21.0	3.8	1.4
20 to 24 years	i	34.6	7.6	73.6	16.8	26.7	5.0	1.0
20 ( 24 years	1	37.2	11.9		16.2	28.6	8.8	1.
25 to 34 years	1	38.7	9.7		14.7	26.7	12.7	1.
35 to 44 years		32.9	8.4		16.2		18.6	1.
45 to 54 years		i	7.3		15.1		21.8	1.
55 years and over	. 180	23.5	7.3	38.0	1	1	Ī	
M/-	1,847	23.3	7.7	70.6	12.4	27.7	4.3	1.
Women	1	1	4.9		12.6	1	3.8	1.
16 to 19 years		-	6.4	1	11.4		3.7	1.
20 to 24 years					11 1		44	1.
25 to 34 years			10.2	!	11 1	1	4.5	1.
35 to 44 years	. 200	1	8.0				36	1 .
45 to 54 years	.  169				1		8.5	1 .
55 years and over	119	23.9	6.8	59.8	17.9	29.9		1
	1	1			14.1	28.2	6.8	1.
White		·			1		9.3	•
Men					i		4.1	
Women							1	
Black	. 304	32.6		'		1	5.5	i .
Men		·¦ 35 0	6 €				. 6.0	
Women	' ana			67.1	13 2	2   19.4	5.2	1
	:	1	1	:	I	i	!	1
1974			1			27 0	67	1
Total							4.3	
	1,318							1
20 to 24 years		30.5					53	; •
25 to 34 years	811	310					7.0	
·	.: 429	28 9	92	2   67 7			8.7	
35 to 44 years				• • • • •	4.5 (	2 28 1	11 1	1
35 to 44 years	369	28 1	9 2	2 66.4	15 i 17.0		12.7	



Table 34. Unemployed job seekers by the job search methods used, sex, a₅⊌, and race, 1972-82 —Continued

	Total	: <del> </del>		Percent usi	ng method	•		Average
Year, sex, age, and race	jobseek- ers (thou- sands)	Public employ- ment agency	Private employ- ment agency	Employer on outly	Friends or relatives	Placed or answered : ads	Other	number of methods used
1974—Continued	!							
Vien	2,189	29.5	7.8	72.3	16.9	24.8	9.3	1.6
16 to 19 years	694	19.7	3.9	80.3	14.3	20.6	4.7	1.4
20 to 24 years	529	34.5	8.5	71.7	18.1	27.9	7.2	1.6
25 to 34 years	399	38.1	11.8	70.1 ·	18.9	29.2	10.2	1.7
35 to 44 years	192	36.4	11.1	66.7	18.6	23.9	13.7	1.7
45 to 54 years		30.1	10.0	66.4	17.3	23.4	17.4	1.6
55 years and over	196	25.6	6.7	60.0	16.9	24.6	17.4	1.5
Vomen	2.083	23.1	7.8	71.6	11.7	29.3	4.0	1.4
16 to 19 years.		18.2	5.6	77.6	12.0	25.5	3.9	1.4
20 to 24 years		26.2	9.3		10.7	29.9	3.4	1.5
25 to 34 years		24.2	9.2	•	10.4	29.7	3.8	1.4
35 to 44 years	237	22.8	7 1	68.8	10.7	31.1	4.2	1.4
45 to 54 years		26.3	8.4	66.3	13.2	32.5	4.7	1.5
55 years and over	131	26.4	7.8	60.5	18.6	36 4	6.2	1.5
White	2 222	04.5		70.0	440	20.4	0.0	
Vhite Men		24.5 27.7	8.0	72.6	14.3	28.4	6.9	1.5 1.6
Women		21.1	8.0 7.9	72.9 72.1	16.6 11.8	26.0   31.0	9.9 3.9	1.4
llack		33.5	7.2	69.7	14.7	22.0	5.6	1.5
Men		36.0	7.1	70.0	18.1	20.2	6.9	1.5
Women		31.1	6.9	69.4	11.2	23.7	4.3	1.4
otal	6,094	29.0	6.8	71.3	15.0	20.4	6.5	
16 to 19 years		19.0	3.6	78.4	14.0	29.4 24.0	3.8	1.5 1.4
20 to 24 years	1,461	33.5	71	71.2	14.6	32.9	4.8	1.6
25 to 34 years	1,278	34.2	8.9	68.7	14.8	32.4	7.0	1.6
35 to 44 years		31.5	8.8	68.9	15.5	30.6	8.4	1,6
45 to 54 years		33.8	8.2	66.6	15.3	29.8	10.2	1.6
55 years and over		25.3	6.7	64.4	18.3	18.5	11.4	1.4
<u> </u>								
16n		31.7	6.9	72.0	17.2	27.8	8.4	1.6
16 to 19 years		20.3	2.8	79.2	16.2	22.6	3.7	1.4
20 to 24 years	800 657	36.4 39.2	6.5 9 9	72.7 69.0	17.0 18.0	31.9   31.2	5.4 9.4	1.7 1.7
35 to 44 years		37.1	10.4	69.8	18.4	28.7	12.5	1.7
45 to 54 years		36.1	9.1	66.8	16.4	26.7	15.8	1.7
55 years and over		24.4	6.8	64.4	19.3	24.1	15.3	1.5
		: !					1	_
Vomen		25.8	6.8	70.5	12.3	31.3	41	1.5
16 to 19 years		17.5	4.6	77.5	11.5	25.6	4.0	1.4
20 to 24 years		29.8	7.8	69.6	11.7	34.2	4.0	1.5 1.5
25 to 34 years		29.1 25.8	7.7 7.2	68 <b>4</b> 67.9	11.6 12.6	33.5 32.6	4.3 4.2	1.5
45 to 54 years		31.4	7.1	66.3	14.2	33.6	3.4	1.5
55 years and over		26.4	6.6	63.5	16.8	29.9	5.6	1.4
į				00.0	10.0	20.0		
Vhite		27.2	6.9	72.2	14.8	30.9	6.5	1.5
Men	2,632	30.3	7.1	72.5	17.1	29.2	8.7 j	1.6
Women		23.6	6.7	71.7	12.1	33.1	3.9	1.5
'ack	•	36.3	6.5	68.4	15.2	23.0	5.9	1.5
		37.7 34.7	6.0 6.8	70.4 66.2	17.7 12.5	21.4 24.7	6 8 4.9	1.6 1.5
	542	34.7	0.0	00.2	12.5	24.7	4.5	1.5
1976								
Otal		28.1	6.4	72.0 i	15.0	30.4	6.3	1.5
16 to 19 years	1.590	17.6	3.8	79.1	13.4	25.5	4.4	1.4
20 to 24 years		32 0 32.9	68 81	72 0 70 3	14.8 15.3	33.9 32.6	4.8 7.0	1.6 1.6
35 to 44 years	1,381 671	33.0	8.1	68.4	15.5	31.3	7.4	1.6
45 to 54 years	581	30.7	7.4	65.4	16.7	31.4	9.5	1.6
55 years and over	1	27.0	5.2	67.8	17.0	27.4	9.1	1.5
		ļ						
fan	3,272	3C.5	6.5	73.1	17.5	28.3	8.2	1.6
16 to 19 years		17.4	3.0	80.8	15.6	24.1	4.4	1.4
20 to 24 years		34.3	6.2	73 7	17.6	31.4	5.8	1.6
25 to 34 years	691	38.4	8.6	70.5	18.3	32.0	9.7	1.7
35 to 44 years	328 ; 305	39 5   32.3	10.9 8.8	,	16 8 20.0	27.9   29.4	11.8 14.4	1.7 1.7
45 to 54 years								



Table 34. Unemployed job seekers by the job search methods used, sex, age, and race, 1972-82 —Continued

	Total		_	Percent usi	ng method			Averag
Year, sex, age, and race	jobseek- ers (thou- sands)	Public employ- ment agency	Private employ- ment agency	Employer directly	Friends or relatives	Placed or answered ads	Other	numbe of method used
1976—Continued	•			•		:		
omen	2.945	25.4	6.2	! 70 8	12 2	32 7	4 1	1
16 to 19 years	7 33	18.0	4.7	76 9	10.8	. 270	4 4	1
16 to 19 years	688	29.3	7.4	70 0	11.4	36.7	36	1
20 to 24 years			7.4		12.4	33 3	43	1
25 to 34 years	689	27.3				34 6	3.2	1
35 to 44 years	343	26.9	5 2	67.7			4.3	1
45 to 54 years	276	. 29.1	5.8		13 1	33 3		i
55 years and over	217	243	6.1	678	150	, 33 2	5 1	'
35 years and over				i			C 4	1
ite	4,888	26.2	6.4	· 73 0	14 8	32 1	64	
Men .	2,598	28.9	6.5	73 9	17.3	29 9	8 5	1
	2,289	23.1	6.3	72.0	12.0	34 7	39	1
Women		35.5		68.3	150	23 8	5 1	1
ick	1,190	_	'	70.1			60	1
Men	604	378		_		25.6	4.2	1
Women	585	33.3	5 4	66.7	12.5	25.0	4.6	
		•	1	•				
1977	F	07.5	! CE	72 6	14.2	30 1	6 7	1
al		27.5	65			23 7	50	1
16 to 19 years	1,554	18.7		79 4	12.7		52	·
20 to 24 years	1,417	31.6	7.3	74.4				
25 to 34 years	1,374	32.7	8.2	70 7	14.4	33 8	6.4	•
35 to 44 years	-	31.6	7.7	67.5	14.8	31 7	8.3	•
35 to 44 years		27.3		63.8	14.9	33.1	10 9	
45 to 54 years		1	: 6.3	•	16.8		105	•
55 years and over	482	23.9	; 9.3	: 00.0	10.0		-	
;	0.040	30.6	6.8	72 8	16 4	27 9	87	
n	3,049				14 8	21 3	53	
16 to 19 years	809	20.3	3 2				61	
20 to 24 years	734	35.2	72		16 3			
25 to 34 years	689	38 7	9.8	70 2	16.7		83	
35 to 44 years	287	373	9.7	65.9	17.9	29 2	135	
35 to 44 years	250	·		62 1	18 4	28 3	17.2	
45 to 54 years	l .				17.3	27 0	13 3	
55 years and over	280	1 24 1	5.0	0, 0	17.0			•
		243	6 1	72 3	11.9	32 3	46	
omen	2,939				10.5		48	
16 to 19 years	, 745	16 9					4.4	
20 to 24 years	. 683	27.7			11.7		4 4	
25 to 34 years	684	26 6	6.5	71.3	12.0			
35 to 44 years	349	270	6.0	68 6	128	33 7	4 0	
35 to 44 years	:	270	7.2	64 9	. 117	37 4	47	
45 to 54 years					16.6	32 7	60	
55 years and over	. 202	. 230						
	4,570	25.2	; 6.4	73.7	138	316	68	
hite					16 0		93	
Men	2,349				11.5		4 1	
Women	. 2,222						57	
ack					148		59	
Men		39 3	· 71		170			
			7.0	678	12€	27 2	5 5	
	. 550		•			•		
1978	•				. = -		6.0	
otal	. 5,339	26 4	5.9				63	
16 to 19 years	-		3 1	78 0	120		50	
						314	5 2	
20 to 24 years			•			33 3	63	
25 to 34 years							70	
35 to 44 years	564						87	
45 to 54 years	447	27 6	7	65 5				
55 years and over	. 379	24.4	, 59	63 5	14.7	26 5	110	
CO yours and over the control of the		;				20 7	8 1	
en	2,629	28 5	5 9					
16 to 19 years	758		2.5	789	14.		5 5	
· ·	GAE				163	3 296	6 3	
20 to 24 years	540						8 1	
25 to 34 years	340						11 5	i
35 to 44 years							12 7	
45 to 54 years	219						13 9	
55 years and over	. 226	3 229	5 4	4 659	141	3 229	138	•
and home and area at a contract and							4 6	:
/omen	2,711	1 243		_	_			
16 to 19 years	. 727	7 170	) 38	3 773			4.5	
10 10 10 10	643			3 722	114	4 33 1	4 0	
20 to 24 years					_	6 354	4 6	<b>;</b>
25 to 34 years			•			<b>_</b>	3 7	•
35 to 44 years	324					_	4.8	
•	228	3 27 (	) 74	4 637				
45 to 54 years	154	<u>-</u> .	7 6	7 600	) 15	3 320	73	ł



Table 34. Unemployed job seekers by the job search methods used, sex, age, and race, 1972-82 —Continued

	Total			Percent us	ng method			verage
Year, sex, age, and race	jobseek- ers (thou- sands)	Public employ- ment agency	Private employ- ment agency	Employer directly	Friends or relatives	Placed or answered ads	Other	number of methods used
1978—Continued						•		
White	3,962	24.0	5.8	72 7	13 7	30 4	63	1 53
Men	1,977	26.0	5.7	73 3	158	27 4	83	1 57
Women	1,986	22.0	6.0	72 1	11 7	33 3	43	1,49
Black	1,222	34 0	62	68 8	13 6	. 3	60	1.54
Men	575	37.3	65	70 3	16.6	∠3.5	7 2	1.61
Women	647	31 2	5.9	67.7	11.0	26 9	49	1.48
	041	3, 2	3.5	07.7	11.0	20 5	43	1.40
1979 Total	E 474	00.0	6.4	74.0	40.7	00.0		
	5,171	26 6	64	71 3	13 7	30 0	64	1 54
16 to 19 years	1,446	19.2	3.2	77 4	13 1	23 7	5 1	1 42
20 to 24 years	1,219	29.7	7.3	72.4	129	31 6	5 2	1.59
25 to 34 years	1,167	30.8	8.2	69 0	14 1	35.0	6 3	1.63
35 to 44 years	562	30.8	8 5	67.9	14 2	31 4	76	1 60
45 to 54 years	420	28 2	66	66.4	15.0	30 4	9 3	1 56
55 years and over	359	23 6	60	60.4	15.9	30 1	11 4	1.47
Men	2,531	28 6	6 5	72.3	16.3	27 8	7 9	1 59
16 to 19 years	744	199	3 1	78.4	15.1	22.0	50	1.40
20 to 24 years	601	31 7	6.7	73.7	15 0	29.4	62	1.63
25 to 34 years	520	35 2	9.3	69.8	18 0	34.3	79	1.74
05 . 44	251	35 6	9.9		17.4			
45 to 54 years	206	32.1 ·	7.2	68 9		28 7	10 3	1 71 1.65
55 years and over	209	23.3	5.8	68 2 60.7	17.8 17.0	26.4 28.2	13 5 14.6	1.60
33 yours and 0401	200	20.0 ,	3.0	00.7	17.0	20.2	14.0	1 30
Nomen	2,641	24.6	6.2	70 2	11 3	32.1	5 1	1 49
16 to 19 years	703	18 4	3 5	76 4	110	25 7	5 2	1.40
20 to 24 years	618	27.7	77	71 2	108	33 9	4 4	1 56
25 to 34 years	647	27 2	7 4	68 4	11 0	35 6	5 0	1 54
35 to 44 years	311	27.1	73	67.0	11.5	33 6	5.5	1,52
45 to 54 years	214	24.1	61	64.1	11.8	34 2	5 6	1 46
55 years and over		25.0	6.3	59 7	14.6	34.0	69	1.47
White	3,855	23.9	6 <i>2</i>	72 6	14.0	31 5	6 4	1.55
Men	1,911	26.4	63	73.4	16 5	29 2	8 1	1 60
Women	1,944	214	60	718	117	33 8	4 7	1.49
Black	1,182	34.9	6.9	67.3	119	25.4	პ 5	1.53
Men	551	35 9	6.6	69 1	14 2	23 1	68	1 56
Women	631	34.2	6 9	65 7	9.7	27.4	6.2	1.50
1980								
Total	6.022	27 8	6 1	73 3	13 9	30 8	58	1.58
16 to 19 years	1,543	18 9	3 4	79 5	12.9	24 3	4 5	1 44
20 tc 24 years	1,469	316	6 7	73.6	13 9	32 5	4 6	1.63
25 to 34 years	1,506	319	7.5	70.8	14 1	35 3	6.2	1 66
35 to 44 years	675	31.0	7 1	70 4	143	32 7	6 1	1 62
45 to 54 years	473	29 7	73	68 1	14.3	32 4	93	1.61
55 years and over	355	23 7	6.2	65 9	14.9	25 6	8.7	1.45
lo.								4.36
Men	رور د	30 3	61	74 2	16 4	28 7	7 1	1 63
16 to 19 years	836	179	3 1	80 3	15.5	23 1	4.4	1 44
20 to 24 years	813	35 1	6.2	75 1	16.8	30 7	4 9	1 69
25 to 34 years	771	37 1	8 2	72 0	170	33 7	79	1 76
35 to 44 years	322	37 1	7 1	71 0	16 7	29 6	96	1 71
45 to 54 years	238	32 4	8 7	68 7	16 7	27 9	13 4	1 68
55 rears and over	215	23 3	5 6	65 6	15.3	24 7	12 1	1 47
Vomen	2,827	24 9	6 1	72 <i>2</i>	11 1	33 0	4 2	1 52
16 to 19 years	708	20 2	38	78 7	10 0	25 6	46	1 43
20 to 24 years	656	274	7 4	71 7	103	34 9	4 1	1 56
25 to 34 years	735	26 6	67	69 8	110	370	44	1 55
35 to 44 years	352	25 3	7 1	70 0	12 2	35 6	28	1 50
45 to 54 years	235	27 4	59	67.7	116	37 1	51	1 55
55 years and over	140	27 4	71	66 4	150	27 9	36	1 44
	_		, ,	UU <b>4</b>	150	213		1 44
	4.526	25 8	6 2	74 2	140	32 7	5 6	1 59
				15.0	40.5	00.4	7.0	1 64
Men	2,437	28 6	6 2	<i>15 2</i>	16 5	30 4	7 2	1 04
Men Women	2,437 2.090	28 6 22 7	6 2 6 2	75 2 72 9	16.5	30 4 35 4	39	1 52
	2.090 1,328		6 2 6 0					
Men Women	2.090	22 7	6 2	72 9	11.1	35 4	3 9	1 52



Table 34. Unemployed job seekers by the job search methods used, sex, age, and race, 1972-82 —Continued

•	Total ,			Percent usi	ng method			Average
Year, sex, age, and race	ers (thou- sands)	Public employ- ment agency	Private emplov- ment agency	Employer directly	Friends or relatives	Placed or answered ads	Other	of methods used
1981		- -					5.0	4.5
otal	6,730	26 8	6.1	74.0	14.5	32 1	5.3	1 5
16 to 19 years	1,650	17.9	3 า	80.3		25 8	3.9	1.4
20 to 24 years	1,653	31.6	5.9	75.2	14.3	; 33 2 '	3.9	1.6
25 to 34 years	1,703	30 1	7.4	719	14.7	1 36.3	56	† 1.6
35 to 44 years	802	29 4	8.5	70.9	15.7	33.8	6.9	1.6
45 to 54 years	526	28.7	8 3	68 8	14.4	34.2	7.7	1.€
55 years and over	401	22.7	6.2	65 1	17.7		10.2	1,5
		·			40.5	:	6.7	
Men	3,561	29.0	6.0	75.0	16.5		6.7	1.6
16 to 19 years	890	18 3	2.9	813	14.7		3 7	1.4
20 to 24 years	919	33.9	5 9	75.3	17.1	32.2	4.7	1.6
25 to 34 years	871	34 4	7.8	73.0	16.9	34 2	7.3	1.7
35 to 44 years	383	32 6	8.1	72.6	17.5	30.5	9.4	1.7
45 to 54 years	265	30 2	7 9	71.7	17.4	27.9	11.3	1.6
55 years and over	233	22.7	64	63 5	17.6	25.8	14.2	1.5
O your and over an annual annual and a second	200				ı	:		
/omen	3,170	24 4	6.1	72 9	12.1	34.7	3.8	1.5
16 to 19 years	761	. 175	3 4	79 0	10.8	27.7	4.1	1.4
20 to 24 years	734	28 7	5.9	75 1	10.9	34.3	3.0	1.5
25 to 34 years	832	25.6	6.9	70.8	126	38 6	<b>3</b> .8	1 5
35 to 44 years	420	26 4	8.8	69.3	14.0	36.4	4.5	1.€
45 to 54 years	255	26 7	8.2	65.9	11.4	40.8	3.9	1.5
55 years and over	168	22.0		66.7	17.3	34.5	4.8	1.4
/hite	5.035	24.6	63	75 0	14.4	33.9	5.3	1.9
Men	2,710	26.8	6 2	75.8	16 5	31.5	<b>6</b> .8	1.0
Women	2,325	22 0	6.3	74.1	12.0	36 7	3.5	1.5
lack	1,520	33 9		71 6	14.3	26 1	5 2	1.5
•	750	36 6	5 4	72.8	16.6	i i	5.7	1.0
Women	760		-		12.1		4.7	1.9
1582			•	•	•	:		ļ
Total	8,429	24.2	5 8	77 8	16 3	34.7	4.7	1.6
16 to 19 years	1,849	15.5	3 1	82 5	14.3	27.1	3.2	1.4
20 to 24 years	1,954	26 7	58	79 1	15.5	35 5	3. <b>6</b>	! 1.6
2 o 34 years	2,263	27 7	70	76.0	17.5	38.8	4.7	1.7
35 to 44 years	1,137	27 8	6.9	75.8		37 1	5.9	1.7
	689	26 0	7.3		17.1	35 7	6.7	1.6
45 to 54 years	538	20 3		716		33 6	9.3	1.5
55 years and over	536	20 3	. 55	710			0.0	1
Aen	4,635	26.9	5.8	78 8	18.3	32 6	5.8	
16 to 19 years	1,000	17 0	3 1	83.2	16.2	26.1	2.9	1.4
20 to 24 years	1,106	29.7	58	800	17.6	33 1	3.9	1.3
25 to 34 years	1,234	31.0	68	77.1	•	37.4	5.8	1.1
35 to 44 years	596	31.9	_			•	9.2	1.
*	374	28.9	7.8	77.5	17 9	33 2	10.2	1.
45 to 54 years and over	325	20.3					123	1.
55 years and over	323	20.5	•		10.0	: .		
Vomen	3,793	20 9	58	76.5	13.8	37 3	3.4	1.
16 to 19 years	847	13 7	32	817	12.2	28 3	3.5	1.
20 to 24 years	848	22.6	60	77 9	12 7	38 6	3.3	† 1.
25 to 34 years	1,029	23 6	7 2	74 7	14.6	; 40 5 '	3.3	1.0
35 to 44 years.	· ·	23.3	. –	74 9	14.0	409	3.1	1.0
45 to 54 years	315	22 5		72.7	16 5		2.9	1.5
55 years and over	213	20 2			16.9	_	5.2	1.
Vhite	6.339	22 4	5 9	78 1	16.5	37 0	4.7	1.
	3,526	25 4	5.9	79 1	18.4	34 7	6 1	1.
	2.813	18.8	5.8	76 8	14.0	398	3.0	1.
Women			58	77 5	15.2	27 1	4.4	1.
Black	1,839	29 9		77 5 78.5	17.8	25 1	44	1.0
Men	972	32 2	58				4.3	1.
Women	867	27 5	58	76.4	12 2	29 3	4.3	; 1.5

NOTE The total for jobseekers is less than the total unemployed, shown elsewhere in this bulletin because it does not include persons on layoff or waiting to begin a new wage and salary job within 30 days, groups for

whom jobseeking information is not collected. It should also be noted that the sum of the percentages exceeds 100 percent because some jobseekers use more than one method.



Table 35. Unemployment in families by type of family, race, Hispanic origin, and presence of employed family members, 1980-82

			1980		•	, 1	Ī	1981			•		1982		
		Fami	lies with	unemplo	yment	•	Fami	llies With	unempio	yrnent		Fami	lies with	unemplo	yment
			Pe	ercent wit	h j			Pe	rcent wil	h.			. Pe	ercent wit	lh
Type of lamily, race, and Hispanic origin	Total fami- lies	Total		At least one em- ployed person	At least one person employed full time		, Total	No em- ployed person	At least one em- ployed person	At least one person employed full time	Total fami- lies	Total	No em- ployed person	At least one employed person	At least one persor employed full time
TOTAL					'		,	!							
Total families.	60.439	5,958	27.9	72.1	63.9	61,023	6,354	i 28.0	72.0	63.5	61,614	7,956	30 2	69 8	59 9
With children under 18	31,047	3,747	28.8	71.2	63.2	31,172	3,964	29.4	70.6	62.0	31,159	4,864	322	67.8	57 :
Married-couple families	49,132		21 0	79.0		49,319			79.6	71.5	49,648	5,939	23 3	76.7	66.
With children under 18	24.773	2,826	20.2	79.8	71.9	24,656	2,941	19.9	80.1	71.9	24,523	3,732	23.7	76.3	65
Families maintained by women	8.962	1,227	50.2	49.8	39.8	9,296	1,404	50.6	49.4	39.1	9,554	1,623	528	47 2	36.
With children under 18	5,464	802	56.5	43.5		5,687	•	58.3				994	61 7	38 3	
men	2,346	298	40.2	59.8	53.8	2,408	. 317	38.6	61.4	53.6	2,412	394	41.9	58 1	49 (
With children under 18	809	. 117	45.4	54.6	51.3	830	110	45.9	54.1	47.7	835	138	51 8	48.2	. 41
White							İ	Ì						<b></b>	
Total families	52,752	4,685	25.5	74.5.	66.5	53,160	4,942	25.3	74.7	66.2	. 53,573	6,246	27.9	72.1	61
With children under 18	26,316	2,899	25.8	74.2		26,355			74.1		26,244		29 3	70.7	59
Married-couple families			20.9	79.1		44,803					44,982		23 1	76.9 76.5	66 ( 65 -
With children under 18 Families maintained by	22,125	2,380	. 20.1	79.9	/1.8	21,973	2,447	19.7	80.3	71.8	21,763	. 3,104	23 5	70.5	. 63
women		700	46.3	53.7		6,405			•				49 1	50 9	39
With children under 18	3.543	429	53.2	46.8	37.7	3,707	497	53.5	46.5	35 8	3,797	552	57.8	42.2	31.0
Families maintained by	1,902	214	38.0	62.0	55.4	1,953	! ! 232	37.5	62.5	. 55.6	1,962	295	40 3	59 7	50.
With children under 18	649	90	43.8						57.5	:	684			50 9	45.
Black				;	1	! !	<del>!</del>		! 	•			:	i	
Total families	6,461	1,137	37.9	62.1	53.3	6.578	1,268	38.2	61.8	53 1	. 6.686	1,501	39 6	60 4	50
With children under 18	3.967	753	39 7	60 3	51.8	3,996	836	41.7	58 3	50.5	4,062	963	43 6	56 4	47
Married-couple families	3,534	563	20 9	79 1	71.1	3.505	L	21.5	78.5	70 3	3,580	778	<b>13</b> 5	76 5	66
With children under 18 Families maintained by	2.017	376	19.8	80.2	73.0	2,014	420	20.5	79.5 ;	72.6	2.050	512	23 5	76.5	67
women	2,561	502	55 9	44.1	33.5	2,698	574	55.7	44 3	35 1	2,731	633	58 5	41 5	31 9
With children under 18 Families maintained by	1,812	353	60.3	39.7	29.6	1,854	•	i	36.5		1,883		66 9	33.1	25.
men	366 137	72 25	45 9 (¹)	54.1 (1)	51 4 (¹)	375 : 128	75 1 22			48 1 (¹)	375 130	90 29	47 3 (¹)	52 7 (¹)	45 (¹
Hispanic origin	107		( )	. ()		;	;		:	. ,				, ,	
Total families	3,241	454	31.4	68.6	61.5	3,394	484	31 1	. 689	60.7	3.384	618	33 4	66 6	56
With abildeen under 10	2.221	326	32 6	67.4	60.3	2,321	345	33.4	66.6	59 3	2,301	435	36 6	63 4	54 (
With children under 18 Married-couple families	2.221	347	32 b 25.4	74.6	67.3	2,321	345		75 O	674	2,488		27 9		62
With children under 18 Families maintained by	1.662	258	25 6	74.4	67.1	1,725			74.9		1,718	344	30 2		60
women	658	78	61 0	39 0	33.8	715	107		50 5	38 3	723		53 7	46 3	32
With children under 18 Families maintaineo by	494	53	67 9	32.1	26 4	528	75		39 2	31 1	525		63 8	36 2	26
men With children under 18	183 65	28 13	(¹)	(1)	(1)	192 67			(¹)	(¹)			(¹)		(¹
MARKET CHROLETT CHROLET TO	63	13	(.)	(')	(1)	07	3	(.)	4.1	( )	3,	• • •	` '	٠,	•

Data not shown where base is less than 35,000



Table 36. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members, 1980–82 [Numbers in thousands]

	L.		1980		i		1981		!		1982	. •
		Percent	of unemploy	ed with:	<del>-</del>	Percent	of unemploy	ed with:	*·~· · !	Percent	of unemploy	ed with:
Family relationship, race, and Hispanic origin	Total	No employed person in family	At least one employed person in family	At least one person in family employed full time	Total	No employed person in family	At least one employed person in family	At least one person in family employed full time	Total	No employed person in family	At least one employed person in family	At least one person in family employed full time
TOTAL	!	! !									!	
Total unemployed	7,637	40.3	59.7	52.7	8,273	40.1	59.9	52.6	10,878	42.3	57.7	49,1
In families		30.2	69.8	81.8	7,072	30.0	70.0	81.5	9,158	32.7		57.2
Husbands With children	1,810	45.4	54.8	41.8	1,667	44.8	55.4	41.8	2,492	45.0	55.0	39.6
under 18	1,040	48.7	51.3	37.3	1,079	47.8	52.2	37.5	1,835	49.0	51.0	34.2
Wives	1,374	18.7	83.3		1,445	17.2	82.8	77.4	1,830	21.7	78.3	70.€
With children under 18	881	13.8	86.2	80.9	919	15.1	84.9	79.3	1,188	20.0	80.0	72.7
Relatives in	1	;				į			i	<u> </u>		!
married-couple f&milies	1,842	9.4	90.8	85.7	2,004	8.7	91.3	85.9	2,488	11.0	89.0	82.7
Women who maintain	•	:   !				i : 					<u>!</u> !	
families		81.0	19.0	12.2	579	81.8	18.2	10.5	875	83.3	18,7	9.5
With children under 18 Relatives in		87.3	12.7	70	481	87.7	12.3	5.9	559	89.5	10.5	4.8
families maintained by	! !	! ! !		! !					† 		<u> </u> 	
women Men who maintain	901	34.9	65.1	53.7	1,024	32.8	87.2	55.8	1,218	35.8	64.2	51.4
families With children		71.9	28.1	21,5	133	65.7	34.3	20.1	179	70.1	29.9	19.5
under 18	54	85.5	14.5	9.1	55	84.8	15.4	9.4	75	84.9	15.1	6.8
Relatives in families maintained by	!					! !	_		  - 		 	
men Not in families 1		24.8	75.2 —	69.9 —	220 1,201	25 4 —	74.6 —	87.2 	277 1,520	28.1 —	710	82.6 —
White	į	ļ					!					[
Total unemployed	5,884	38.2	61.8	55.0	8,343	38.2	61.8	54.8	8,241	40.5	59.5	<b>50</b> .7
In familiesHusbands		27.8 45.8	72.2 54.2		5,402 1,394	27.4 44.8	72.6 55.2	64.1 4∪.8	7,048 2,098	30.5 45.2	89.5 54.8	59.2 38.6
under 18 Wives		49.6 15.7	50.1 84.3	35.8 78.7	886 1,217	₹8.4 16.5	51.8 83.5	35.8 78.2	1,353 1,531	49.4 20.2	50.8 79.8	32.8 72.5
With children under 18	716	12.9	87.1	82.1	755	14.2	85.8	80.3	973	18.2	81.8	74.8
Relatives in married-couple families	1.521	6.9	91.1	88.5	1,858	8.0	92.0	87.1	2,013	16.5	89.5	83.4
Women who maintain	1	İ							·			
families With children		78.2	21.8	14.4	317	77.3	22.7	12.9	385	78.8	21.4	11.9
under 18 Relatives in families	217	8ú.1	13.9	7.9	253	85.1	14.9	8.8	306	88.8	13.4	5.6
maintained by females Men who	482	31 4	68.8	58.8	558	30.7	69.3	58.0	693	33.7	66.3	<b>5</b> 3.7
maintain families With children		72.6	27.4	20.2	97	64.9	35.1	77.3	132	71.3	28.7	18.7
under 5 Relatives in		82.9	17.1	9.8	41	81.7	18.3	11.2	56	85.5	14.5	7.4
families maintained by men	1 <b>4</b> 9		772	70.5	! ! . 161	25 7	74 3	67 6	! 197	24 1	75 <b>9</b>	66,7
Not in families 1				-	941		- 1		1,193		· —	



Table 36. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members, 1980-82—Continued [Numbers in thousands]

			1980		: :		1981				1982	
		Percent	of unemploy	ed with:		Percent	of unemploy	ed with:		Percent	of unemploy	ed with:
Family relationship, racə, and Hispanic origin	Total	No employed person in family	At least one employed person in family	At least one person in family employed full time	Total	No employed person in family	At least one employed person in family	At least one person in family employed full time	Total	No employed person in family	At least one employed person in family	At least one person in family employed full time
Black		! ! !				i :			<b> </b>			i İ
Total unemployed	1,553	47.8	52.2	44.5	1,731 1	47.0	53.0	45.5	2,142	48.7	51.3	43.
In families	1,329	39.1	60.9	52.0	1,502	38.9	61.1	5.2.4	1,858	40.9		49
Husbands	203	41.5	58.5	47.8	232	43.2	56.8	48.5	319	43.4	56.6	44
With children		40.0	57.4	47.5	104	14.F	55.5	. 4:.6	225	45.5	54.5	1 42
under 18	141 166	42.6 21.7	57.4 78.3	47.5 71.7	164	21.4	78.6	71.9		29.5	70.5	62
Wives With children	100	21.7	76.3	, , , ,	108	21.4	76.0	, , , ,	1 2-70	1	1	
under 18 Relatives in	119	18.5	81.5	75.6	138	19.3	80.7	73.9	173	28.4	71.6	63
married-couple		i	1	<u> </u>						:		i
families	276	12.0	<b>88</b> .0	81.5	299	11.4	88.6	80.2	403	12.2	87.8	; 80 ;
Womer who maintain	100	85.9	14.1	8.1	247	87.4	12.6	7.6	279	90.1	9.9	
families With children	198					1		:	ĺ	į	į	! !
under 18 Relatives in families maintained by	175	89.7	10.3	5.1	215	90.6	9.4	4.9	245	93.1	6.9	
women Men who maintain	403	39.1	60.9	47.8	452	35.2	64.8	53.0	503	38.3	61.7	4
families With children	32	(²)	(²)	(²)	30	 	(²)	(°)	41	69.0	310	20
under 18 Relatives in families	12	(2)	( <sup>2</sup> )	(2)	12	(*)	(²)	(2)	! 16 !	(2)	(2)	
maintained by men	51	30.8	69.2	! : 65.4	53	24.0	76.0	66.1	72	39.5	60.5	. 5
Not in families 1	-		-	-	229	į —	-	-	284	_	i	 
Hispanic origin	1	1	ł !		İ	1		<u> </u>	•	1	! !	1
otal unemployed	575	39.3	: <b>60</b> .7	54.6	624	41.2	 	51.3	825	43.6	:	4
In families	517	32.4	67.6	60.9	545	32.6	C7.4	58.7	730		63.7	
Husbands With children under 18	143	51.0	49.0 46.4	38.6 37.3	143		48.6 46.8	37.7	205	53.5 57.3	46.5	:
Wives	_	t	83.3	77.1	99			76.9	1			
under 18 Relatives in	71	15.3	84.7	77.8	73	15.8	84 2	79.1	107	i 20.6	79.4	. 6
mamed-couple families	154	9.1	90.9	85.7	143	9.2	90.8	! ! 84 1	198	15.1	84 9	7
Women who	: !				:	!		 	!	!	: :	i 1
families With children	:		(*)	(2)	1	1	24.8	14.1	50	:	i	
under 18 Relatives in families	1	; (2) ;	[ (2) [	(2)   	35		¹ 16.4 !	10.3	i 41	. <b>86.8</b>	13.2	i
maintained by women Men who	56	47.3	52.7	45 5	79	33.9	66.1	53.3	95	44.2	55.8	3
maintain families With children	. 9	(2)	(²)	: <b>(2)</b>	18	(²)	(²)	(2)	16	(2)	(²)	
under 18.	5	(²)	(²)	(*)	6	( <sup>2</sup> )	(²)	<b>(2)</b>	6	(2)	<b>(2)</b>	



Table 36. Unemployed persons by family relationship, race, Hispanic origin, and presence of employed family members, 1980-82—Continued

	<b>L</b>		1980		<u>.</u>		1981			,	1982	
	1	Percent	of unemploy	ed with:	:	Percent	of unemploy	ed with		. Percent	of unemploy	ed with:
Family relationship, race, and Hispanic origin	Total	No employed person in family	At least one employed person in family	At least one person in family employed full time	Total	No employed person in family	At least one employed person in family	At least one person in family employed full time	Total	No employeo person in family	At least one employed person in family	At least one person ir family employed full time
Hisapanic origin— Continued	•		:		: : :		i :				,	•
Relatives in families maintained by		·	! :	i	: : :	:	·					
men Not in families 1	50	( <sup>2</sup> )	(2)	(2)	! 21 79	٠,	(²)	( <sup>2</sup> )	23 95	· (2)	( <sup>2</sup> )	(²

<sup>&</sup>lt;sup>1</sup>The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the Armed Forces, persons in secondary families, and some whose status is unknown.



<sup>&</sup>lt;sup>2</sup> Data not shown where base is less than 35,000.

Table 37. Employed civilians by family relationship, race, Hispanic origin, and presence of additional employed family members, 1980-82

	<u> </u>	19	80			19	61		ļ	19 	82	
		Percen	t of unen	nployed		Percen	t of unen with:	nployed		Percen	t of unen with:	npioyed
Family relationship, race, and Hispanic ongin	Total	No other em- ployed person in family	An- other em- ployed person in family	An- other person in family em- ployed full time	Total	No other em- ployed person in family	An- other em- ployed person in family	An- other person in family em- ployed full time	Total	No em- ployed person in family	An- other em- ployed person in family	An- other perso in family em- ploye- full time
TOTAL												
otal employed	99,303	37.7	62.3	52.9	100,397	37.9	62.1	52.7	99,526	36.4	61.6	51.
In families	84,271	26.6	73.4	62.4	84,854	26.5	73.5	62.3	83,918	26.9	73.1	61.
Husbands		37.7	62.3	45.3	36,008	36.9	63.1	45.6	37,219	36.6	63 2	44.
With children under 18		40.1	59.9	39.9		39.5	60.5	40.1	21,810	39.6	60.4	39.
WivesWith children under 16		9.4 5.4	90.6	85.6		9.6 5.7	90.4	85.5 90.4	23,726	11.0 7.5	89.0 92.5	83. 87.
Relatives in married-couple families	11,627	5.6	94.6 94.4	\$0.9 90.7	12,698 11,709	5.7	94.3 94.3	90.4	11,371	6.6	93.2	88
ndiauves in themeu-coopie lannines	11,027	3.6	34.4	30.7	11,700	J.,	34.5	00.2	11,071	0.0	55.2	
Women who maintain families	4,780	65.4	34.6	23.5	4,998	66.6	33.4	22.1	5,098	66.4	33.6	21
With children under 18	3,209	76.9	23.1	12.3	3,357	79.0		10.7	3,372	78.9	21.1	10
Relatives in families maintained by women	3,606	27.3	72.7	61.7	3,607	27.5	72.5	61.4	3,637	26.7	73.3	61
Men who maintain familles	1,680	56.4	43.6	33.3	1,696	56.8	43.2	32.1	1,651	57.3	42.7	31
With children under 16	681	69.6	30.4	16.0	697	71.1	26.9	15.5	676	73.6	26.4	14
Relatives in families maintained by men	1,198	15.4	84.6	77.6	1,247	17.3	82.7	75.9	1,217	17.9	82.1	73
Not in families 1	15,031	-	_	_	15,543	_	_	_	15,608		_	
White						-		}		1		
otal employed	87,715	37.3	62.7	53.1	88,709	37.3	62.7	53.0	87,903	37.9	62.1	51
In families	74,606	26.2	73.6	62.5	75,157	26.0	74.0	62.5	74,232	26.4	73.6	61
Husbands		38.2	61.6	44.2	34,663	37.4	62.6	44.6	33,868	37.2		43
With children under 16		40.9	59.1	36.2	20,251	40.2	59.8	38.4	19,573	40.2		37
Wives		6.9	91.1	86.3	21,135	9.2	90.8	86.1	21,207	10.6 6.9	89.4 93.1	83
With children under 16Relatives in married-couple families		4.9 5.4	95.1 94.6	91.4 91.0	11,142 10,616	5.1 5.6	94.9 94.4	91.1 90.6	11,116 10,273	6.7	93.3	88
·							1		}			
Women who maintain families		63.3	36.7	24.5	3,618	64.6	35.4	23.1	3,719	63.6	36.2	22
With children under 18		l .				77.6 27.7	22.4 72.3	10.7 61.4	2,416 2,797	76.9 26.6	23.1 73.2	1
Relatives in families maintained by women	2,697	27.6	72.4	61.9	2,707	27.7	72.5	01.4	2,707	20.0	, , ,	
Men who maintain families	1,391	55.6	44.4	33.3	1,405	69.4	30.6	15.9	1,363	57.1	42.9	31
With children under 16	560	68.1	31.9	16.0	583	56.3	43.7	31.9	571	72.6	27.4	15
Relatives in families maintained by men	961	15.0	85.0	78.1	1,013	16.6	83.4	76.8	964	17.4	82.6	73
Not in families 1	13,109	_	_	-	13,552	_	_	_	13,671	_	-	
Black											!	İ
otal employed.	9,313	43.2	56.6	49.4	9,355	44.3	55.7	46.2	9,169	44.5	55.5	47
In families	7,720	31.5	68.5	59.6	7,704	32.4	67.6	56.5	7,623	33.0	67.0	57
Husbands		31.6	68.2	56.3	2,540	31.9	68.1	56.4	2,521	32.1	67.9	
With children under 18	1,711	31.6	68.2	56.2	1,677	32.1	67.9	56.3	1,644	32.4	67.6	55
Wives	1,901	14.6	85.4	80.1	1,669	15.2	84.6	76.8	1,912	166	63.4 86.7	76 80
With children under 16	1,167 791	10.3 7.6	89.7 92.4	65.1 66.4	1,175 779	11.2 6.1	88.8 91.9	83.2 65.2	1,197 763	13.3 8.1	91.9	84
·	i					1	ļ	ļ	1 000	740	05.4	
Women who maintain families	1,201	72.3	27.6	19.8	1,276	73.0	27.0	16.9	1,269 666	74 9 64 6	25 1 15.4	10
With children under 16	662 827	80.6 27.4	19.4 72.6	12.3 60.0	901 616	62.7 27.6	17.3 72.4	10.4 60.2		27.2		6
Men who maintain families	233	61.8	36.2	31.3	23.9	59.6	40.4	32.8	220	60 1	399	3
With children under 16		76.7	23.3	17.5	1	80 1	19.9	12.6	89	798	1	
Relatives in families maintained by men		i .		74.1		•	1		184	22.1		
•		1			1	1	,	•	5			•



Table 37. Employed civilians by family relationship, race, Hispanic origin, and presence of additional employed family members, 1980-82—Continued

		19	80			19	81	_		19	82	
		Percen	t of unen with:	nployed		Percen	t of unen with:	nployed		Percen	t of uner with:	nployed
Family relationship, race, and Hispanic ongin	Total	Nc other em- ployed person in family	An- other em- ployed person in family	An- other person in family em- ployed full time	Total	No other em- ployed person in family	An- other em- ployed person in family	An- other person in family em- ployed full time	Total	No em- ployed person in family	An- other em- ployed person in family	An- other persor in family em- ployed full time
Hispanic origin												
Total employed	5,126	39.1	60.9	53.1	5,348	38.8	61.2	53.5	5,158	39.3	60.7	51.4
In families	4,432	29 6	70.4	61.4	4 644	29.5	70 5	61 6	4,482	30.1	69.9	59
Husbands	1,935	43.5	56.5	44.1	2.025	42.4	57.6	45.7	1,963	43.1		
With children under 18	1,443	46.3	53.7	40.6	1,499	45.3	54.7	42.1	1,449	46.3	53.7	39.
Wives	1,025	8.8	91.2	86.0	1,097	8.8	91.2	85.9	1,080	10.4	89.6	82.
With children under 18	692	7.2	92.6	87.7	753	7.6	92.4	87.9	734	9.1	90.9	64.
Relatives in married-couple families	690	6.1	93.9	68.0	700	6.9	93.1	68.0	646	7.6	92.4	84.4
Women who maintain families		71.4	28.6	21.4	302	70.1	29.9	21.7	298	67.5		
With children under 18	207	81.2	18.8	12.1	216	80.9	19.1	11.0	209	79.1		† 11.3
Relatives in families maintained by women	196	24.5	75.5	63.8	237	28.3	71.7	60.8	246	27.2	72.8	60.
Men who maintain families	149	48.0	52.0	42.6	144	49.6	50.4	39.2	128	47.4	52.6	
With children under 18	54	67.3	32.7	27.3	54	74.3	25.7	15.5	43	69.8	30.2	19.
Relatives in families maintained by men	139	7.1	92.9	87.9	139	12.3	87.7	79.5	123	10.5	89.5	62.4
Not in families 1	694	-		-	704	-	-	-	676	<u> </u>	-	i -

<sup>&</sup>lt;sup>1</sup>The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the

Armed Forces, persons in secondary families, and some whose status is unknown.



Table 38. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin, 1979–82

	Number	of famili	es (in th	(abnasuo	į 1		Mediar	weekly	earnings	
Type of family, number of earners, race, and Hispanic origin	1979	1980	1981	1982	1979	1980	1981	1982	Percent 1981 to Current dollars	change o 1982 Constar dollars
TOTAL	:	+ ! :	† <del></del>	<u> </u>	i !		!	! !		
otal families with earners 1	41,342	41,162	41,360	40,844	\$376	\$405	\$434	\$452	4.2	- 1
Married-couple families	34.306	33.825	i . 33.807	33.225	406	436	i 473	! 496	50	- 1
One-earner				14,592	297	312	332	343	3.4	. 2
Husband			11,782	2	322	344	373	396	6.0	
Wife		2,059	2,156	2.465	151	160	180	194	7.8	1
Other family member		611	628	700	162	167	183	192	4.8	- 1
Two or more earners		19.028	19.241	18.633	493	539	585	619	5.8	
Husband and wife		16.094	16,319	15.841	(2)	(2)	590	627	6.4	'
Husband and other family member(s)			2.338	2,167	517	557	601	624	3.9	
· · · · · · · · · · · · · · · · · · ·	1	426	439	475	324	351	371	391	5.4	
Wife and other family member(s)	•		i			364	i 373	400	7.3	
Other family members only	141	139	145	151	319	304	3/3	400	7.5	
Families maintained by women	5,485	5,690	5,875	5,933	209	227	240	253	5.5	
One earner		4,022	4,225	4,253	170	188	198	211	6.2	
Householder	1	3,104	3,292	3,363	173	191	204	217	6.1	:
Other family member	1 -	918	933	891	158	174	177	187	5.8	¦ -
Two or more earners		1,668	1,649	1,680	337	373	397	420	5.8	: -
	1 i		!					İ		l l
Families maintained by men		1,647	1,678	1,686	338	365	382	403	5.5	: 1
One earner		1,016	1,068	1,077	265	289	311	331	6.5	1
Two or more earners	608	631	610	609	469	500	532	558	4.9	- 1
White		<u> </u>			1	i i			  -  -	
otal families with earners 1	36,007	35,786	35,891	35,413	387	416	446	468	4.8	-1
Married-couple families	30.732	30,316	30,285	29,723	411	441	480	504	4.9	1
One earner				13,164	305	320	342	355	3.7	2
Husband			1	10,429	328	350	382	405	5.9	-
Wife		1	1,820	2,101	151	162	180	195	8 3	· ;
Two or more earners			17.133	16,559	498	545	592	626	5.8	_
Husband and wife	_	(2)		14,034	( <sup>2</sup> )	(2)	595	634	6.5	
Families maintained by women	4,003	4,140	4,246	4,325	221	236	248	267	7.6	
Families maintained by men	1,272	1,331	1,361	1,366	350	377	397	418	5.2	! :
Black	!						 		 	† : :
otal families with earners 1	4,463	4,503	4,567	4,479	279	302	320	329	2.9	i <b>:</b>
Married couple families	2.852	1 2 902	ים דים ד	2,729	343	369	392	410	i : 4.5	! !'
Married-couple families		2,802	2,787		211	214	237	241	16	
One earner	1	1,105	1,115	1,101	234	245	269	271	1.0	
Husband		769		742		i		1 -	79	
Wife		279		309	154	1 149		189		
Two or more earners				1,628	440	472	1	, 540		
Husband and wife	(2)	(²)	1,446	1,425	(2)	(2)	519	553	6.5	1
Families maintained by women	. 1,371	1,438	, 1,513	1,485	177	195	216	220	16	i



Table 38. Median weekly earnings of families by type of family, number of earners, race, and Hispanic origin, 1979-82—Continued

	Number	of Jamili	es (in the	ousands)	1		Mediar	n weekly	earnings	
Type of family number of earners, race, and Hispanic Origin	1979	1980	1981	1982	1979	1980	1981	i 1982 <u>:</u>	Percent of 1981 to	1982
	! 18/8		1901	. 1802	<b></b>	<b></b>		<b>.</b>	Current dollars	Constant dollars
Hispanic origin			i		:	!	:	:		
Total families with earners 1	2,259	2,391	2,528	2 429	300	324	351	359	2.5	3.3
Married-couple families	., 1,873	1,898	1,995	1,925	319	346	385	393	21.	- 3.7
One earner		924	946	329	224	234	248	265	7.0	1.0
Husbend		797	802	782	235	248	273	287	5.4	5
Wife	. 88	94	99	103	135	145	168	178	61 <sub>i</sub>	.1
Two or more earners		974	1,049	996	420	459	491	517	5.2	.8
Husband and wife		( <sup>2</sup> )	826	799	( <sup>2</sup> )	(²)	501	527	5.1	.8
Families maintained by women	272	335	379	373	180	213	212	224	5.8	<b>2</b>
Families maintained by men	114	158	154	131	269	327	290	338	16.5	9.9

<sup>&</sup>lt;sup>1</sup> Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

Note. The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings data presented in tables 38 through 41.



<sup>&</sup>lt;sup>2</sup> Not available.

Table 39. Families with unemployed members and wage and salary workers by type of family and median weekly earnings, 1979-82

	Number	of familie	s (in tho	usands)			Median	weekly	earnings	
Type of family and relationship of unemployed members			ا دود	4000	4070	4000	4004	4000	Percent 1981 to	-
to wage and salary earners	1979	1980	1981	1982	1979	1980	1981	1982	Current dollars	Constant dollars
Married-couple families 1  Husband unemployed	544 411 74	3,101 840 652 101 87	3,340 897 702 106 90	4,107 1,300 1,013 153 134	\$318 170 156 322 165	\$320 172 162 337 137	\$339 189 180 349 145	\$347 200 189 371	2.1 5.8 4.9 6.3 11.0	- 1.0 - 4.
Wife unemployed	. 830 . 120	1,046 868 139 20	1,105 949 137 19	1,301 1,114 167 20	299 280 481 (²)	317 302 474 (²)	328 309 537 (²)	348 330 584 (²)	6.3 6.9 8.9 (²)	2. (a
Other member(s) unemployed	. 521 . 537	1,215 576 597 42	1,337 624 666 47	1,506 660 799 48	452 350 550 (²)	477 388 578 ( <sup>2</sup> )	515 409 626 (²)	537 424 646 (²)	4.3 3.6 .1 (²)	1. 2. 2.
Families maintained by women 1	. 73	577 79 498	683 90 594	750 102 647	191 136 203	213 150 223	219 146 228	227 152 241	3.5 4.2 5.7	-2. -1.
Families maintained by men 1	. 143	185	ა03	232	307	293	290	299	2.9	3.

<sup>&</sup>lt;sup>1</sup> Data exclude families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either



self-employed or in the Armed Forces.

<sup>&</sup>lt;sup>2</sup> Data not shown where base is less than 50,000.

Table 40. Median weekly earnings of full-time wage and salary workers by selected characteristics, 1979–82

	Numbe	r of work	ers (in th	ousands)			Media	n weekly	earnings	
Characteristic	1979	1000	1001	4000	4070	1090	1001	4000	Percent 1981 to	
	1979	1980	1981	1982	1979	1980	1981	1982	Current dollars	Constan dollars
SEX AND AGE										
otal, 16 years and over	72,366	71,968	72,491	70,546	\$244	\$266	\$289	\$309	7.1	1.0
Men, 16 years and over	44,674	43,781	43,988	42,279	298	322	347	371	6.9	
16 to 24 years	8.557	7,916	7.672	6,870	201	214	225	231	3.0	-2.
25 years and over	36,117	35,866		35,409	322	346	378	403	6.6	
Women, 16 years and over	27,692	28,187	28,603	28,267	186	204	224	241	7.6	1.5
16 to 24 years	6,442	6,242	6.030	5,507	154	171	184	194	5.3	
25 years and over	21,250	21,945	22,573	22,760	197	217	237	257	8.3	2.2
FAMILY RELATIONSHIP										
Husbands	31,081	30,229	30,087	28,962	324	348	382	407	6.3	į .:
Wives	14,407	14,614	14,782	14,553	190	208	229	246	7.5	1.4
Others in married-couple families	6,858	6,583	6,634	6,137	169	184	196	207	5.5	!
Women who maintain families		3,796	3,916	4,006	190	210	228	243	6.9	
Others in such families	2,447	2,428	2,383	2,313	176	193	202	216	6.8	
Men who maintain families		1,348	1,346	1,341	300	313	342	365	6.8	
Others in such families	820	865	860	825	184	198	211	228	8.0	1.
All other men 1		6,469	6,717	6,598	273	298	323	345	6.9	
All other women 1	5,443	5,657	5,787	5,811	202	222	246	270	9.9	3.
RACE AND HISPANIC ORIGIN			į							
White		62,813	63,241	61,463	249	273	296	317	7.2	1.3
Men	39,576	38,806	38,874	37,435	305	329	356	382	7.2	1.1
Women	23,578	24,007	24,367	24,029	187	206	226	244	7.8	1.
Black	7.582	7,459	7,499	7,281	203	218	238	247	3.9	- 1.9
Men		4,021	4,023	3,836	232	247	271	281	3.9	- 2.0
Women	3.399	3,438	3,477	3,445	174	189	210	223	6.1	.1
Hispanic origin		4,124	4,284	4,056	197	214	229	242	5.8	;
Men		2,643	2,759	2,573	226	237	252	272	7.8	1.
Women	1,369	1,481	1,525	1,483	156	177	192	207	7.6	1.9

 $<sup>^{\</sup>rm 1}$  The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the

Armed Forces, persons in secondary families, and some whose family status is unknown.



Table 41. Median weekly earnings of part-time wage and salary workers by selected characteristics, 1979-82

	Number	of worke	ers (in the	ousands)			Median	weekiy	earnings	
Characteristic								1000	Percent 1981 to	
	1979	1980	1981	1982	1979	1980	1981	1982	Current dollars	Constant dollars
SEX AND AGE					407	47.1	•04	*00	20.6	28.4
Total, 16 years and over	15,163	15,675	16,025	16,822	<b>\$</b> 67	\$74	\$81	\$83	29.8	20.4
Men, 16 years and over	. 2,996	4,919 3,112 1,806	4,956 3,079 1,877	5,312 3,153 2,160	64 59 83	71 63 90	78 68 101	80 68 104	33.8 13.5 23.0	24.6 43.8 34.9
Women, 18 years and over	. 3,701	10,757 3,749 7,008	11,069 3,782 7,287	11,510 3,919 7,591	68 57 77	75 62 83	82 67 93	85 67 100	33.1 11.0 74.3	- 25.2 - 46.1 13.6
FAMILY RELATIONSHIP				1						
Husbands	. 5,516	1,284 5,638	1,301 5,847	1,474 6.031	83 79	91 86	101 94	104 101	30.3 86.3	27.9 6.0
Others in marned-couple familles	4,525	4,575	4,591	4,674	55	60	64	65	3.4	-53.3
Women who maintain families		769 1,025	828 1,047	851 3,144	74 57	80 62	91 67	94 69	27.5 24.4	- 30.6 33.5
Men who maintain familles	81 240	85 266	80 283	93 296	77 61	83 73	85 71	103 75	207.5 46. <del>9</del>	139.3 12.4
All other men 1		701 1,333	699 1,350	8∪5 1,454	83 69	93 76	101 84	100 91	- 7.0 84.4	- 63.1 23.2
RACE AND HISPANIC ORIGIN	1									
White	4,095	13,889 4,287 9,608	14,252 4,344 9,908	14,949 4,627 10,322	67 64 69	74 70 75	81 77 82	83 80 85	34.3 44.8 41.9	24.2 14.3 17.0
Black Men Women	466	1,455 500 955	1,468 499 969	1,500 521 979	62 62 61	71 75 69	80 81 80	80 81 79	-6.3 -1.0 -13.1	- 62.4 57.5 68.6
Hispanic origin	225	661 263 398	718 267 451	735 277 458	68 64 70	79 81 79	83 81 84	84 83 85	15 # 29.2 13.3	-42.0 -29.0 -44.0

<sup>&</sup>lt;sup>1</sup> The majority of these persons are living alone or with nonrelatives. Also included are persons in married-couple families where the husband is in the

Armed Forces, persons in secondary families, and some whose family status is unknown



Table 42. Employment status of the civilian noninstitutional population by State, 1980–82 (Numbers in thousands)

State	Civil	ian labor to	rce		Employed		<u> </u>	Inempl.ye		Uner	nployment	rate
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
Nabama	1,675	1,669	1,713	1,527	1,491	1,466	147	170	247		10.7	4.4
laska	187	194	207	169			147	178	247	8.8	10.7	14.
vrizon <b>a</b>	1				176	187	18	18	21	9.7	9.3	9
	1,238	1,265	1,324	1,155	1,187	1,192	83	78	131	6.7	8.1	9
rkansas	999	1,029	1,018	923	938	919	78	94	99	7.8	9.1	9
California	11,583	11,811	12,189	10,793	10,937	10,978	790	874	1,211	6.8	7.4	9
colorado	1,501	1,535	1,577	1,413	1,451	1,455	88	84	122	59	5.5	7.
connecticut	1,594	1,591	1,608	1,500	1493	1,497	94	98	111	5.9	8.2	8
Delaware	284	288	299	282	285	273	22	23	25	7.7	7.9	8
Sistrict of Columbia	329	312	315	305	284	282	24	28	33	7.3	9.0	10
lorida	4,267	4,504	4,728	4,017	4,197	4,342	251	307	386	5 9	8.8	8.
ieorgia	2,542		ļ		1							
iawaii	439	2,596	2,858	2,379	2,430	2,451	183	185	207	8.4	8.4	7.
		450	458	417	426	428	21	24	31	4.9	5.4	8.
daho	429	428	439	395	395	396	34	32	43	7.9	7.6	9.
llinois	5,540	5,578	5,587	5,082	5,103	4,954	458	474	632	8.3	8.5	11.
ndiana	2,633	2,627	2,594	2,380	2,363	2,284	252	264	310	9.8	10.1	11.
OW8	1,433	1,427	1,418	1,351	1,328	1,297	82	99	121	5.8	8.9	8.
(ansas	1,185	1,191	1,185	1,132	1,141	1,111	53	50	74	4.5	4.2	8.
Centucky	1,662	1,665	1,675	1,530	1,525	1,497	133	140	178	8.0	8.4	10.
ouisiana	1,788	1,854	1,855	1,667	1,697	1,664	121	156	192	8.7	8.4	10.
Maine	507	509	515	468	472	470	39	37	44	7.8	7.2	8.
fendand	0.455	0.400	i	0.045	2 225		- 1	1				
Aaryland	2,155	2,163	2,161	2,015	2,005	1,978	140	157	183	o.5	7.3	8.
Aassachusetts	2,875	2,963	3,016	2,713	2,775	2,778	182	188	239	5.6	8.4	7.
Aichigan	4,293	4,309	4,276	3,759	3,780	3,615	534	529	661	12.4	12.3	15.
Ainnesota	2,109	2,153	2,166	1,984	2,034	1,997	125	119	189	5.9	5.5	7.0
Aississippi	1,060	1,055	1.058	981	967	941	79	88	117	7.5	8.3	11.0
Aissouri	2,309	2,319	2,311	2,142	2,141	2,097	167	179	214	7.2	7.7	9.
Aontana	389	383	391	347	357	358	23	27	34	8.1	8.9	8.
lebraska	782	774	787	731	743	739	31	32	48	4.1	4.1	8.
levada	430	464	485	403	431	436	27	33	49	8.2	7.1	10.
lew Hampshire	472	482	487	450	457	452	22	24	36	4.7	5.0	7.4
lew Jersey	3,582	3,587	3,624	3,323	3,325	3,299	250	200	205	7.0	7.0	•
lew Mexico	561	578	592			• 1	259	282	325	7.2	7.3	9.0
lew York	7,972			519	536	538	42	42	54	7.5	7.3	9.2
Iorth Carolina		8,023	8,026	7,375	7,411	7,339	597	813	687	7.5	7.8	8.6
lorth Dakota	2,859	2,919	2,944	2,671	2,731	2,878	187	188	266	6.8	8.4	9.0
	303	311	315	288	295	297	15	18	18	5.0	5.0	5.9
)hio	5,087	5,099	5,122	4,660	4,607	4,481	426	492	640	8.4	9.8	12.5
Xiahoma	1,370	1,448	1,468	1,303	1,395	1,384	66	52	83	4.8	3.8	5.7
regon	1,297	1,337	1,315	1,190	1,205	1,164	108	132	152	8.3	9.9	11.5
ennsylvania	5,433	5,482	5,482	5,008	5,024	4,883	425	458	599	7.8	8.4	10.8
hoce island	473	479	482	439	443	433	34	38	49	7.2	7.6	10.2
outh Carolina	1,389	1 421	1 400	4 000	4 004	4.000	00	440	404	1		
outh Dakota	334	1,421	1,486	1,293	1,301	1,325	96	119	181	8.9	8.4	10.8
ennessee	2,083	335	328	318	318	310	18	17	18	4.9	5.1	5.5
		2,118	2,131	1,931	1,928	1,879	152	193	252	7.3	9.1	11.6
exastah	8,742 635	7,071	7,353	8,390	8,898	6,848	352	373	505	5.2	5.3	6.9
<b>i</b>	ľ	648	668	595	603	816	40	43	52	6.3	8.7	7.8
ermont	25.	260	265	238	245	247	18	15	18	6.4	5.7	8.8
irginia	2,560	2,601	2,850	2,432	2,443	2,447	128	158	204	5.0	6.1	7.7
/ashington	1,984	1,990	2,012	1,828	1,800	1,768	157	189	244	7.9	9.5	12.1
Vest Virginia	789	785	789	714	701	662	74	84	107	9.4	10.7	13.9
/isconsin	2,340	2,373	2,450	2,172	2,188	2,189	187	185	261	7.2	7.8	10.7
/yoming	235	250	253	225	239	238			1		· · · -	,

<sup>&</sup>lt;sup>1</sup> These estimates are based on the Current Population Survey (CPS) and are subject to revised population controls.



Table 43. Unemployment rates for regions and States by sex, age, and race, 1981-82

						<del></del>			
	A	II civilian wo	rkers		Men			Women	
Region and State	1981	1982	Error range	1981	1982	Error rang 1982 <sup>1</sup>	1981	1982	Error range
United States	7.6	9 7	9 6-9.8	7.4	9.9	9.7-100	79	9 4	9.3-9
ortheast	74	9.0	8 7-9.3	7.2	93	8.9-9.7	76	86	8.1-9
New England	6.3	78	7 3-8 3	<b>6.0</b> 1	8.0	7.4-8 6	6.8	76	6.9-8
Connecticut	6.2	6.9	6.2-7.6	5.3	7.1 :	1	7.4	6.7	5.7-7
Maine	7.2	8.6	7.7~9.5	6.7	86	7 4-9.9	7.9	8.5	7.1~9
Massachusetts	64 <sub>i</sub>	7.9	7.4~8.4	6,4 +	8.3		6.3	74	6.6-8
New Hampshire	5.0	7.4	6.6-8.2	4.8	7.2	6.1-8.2	5.3	76.	6.4-8
Rhode Island	7.6	10.2	9.3–11.1	6.7	9.8	8.6-11.0	8.7	107	9.4-12
Vermont	5.7	6.9	6.1-7.7	4.9	6.9	5 9-7.9	6.8	6.8	5.7~7
Middle Atlantic	7.8	9.4	9.0-9.8	7.7	9.7	9.3-10.2	7.9	8.9	8.4-9
New Jersey	7.3 ;	9.0	8.4-9.6	6.7	8.6	7.9-9.4	8.1	94	8.5-1
New York	7.6	8.6	8.2-9.0	7.4	8.5	8.0~9.0	7.9	87	8.0-9
Pennsylvania	8.4	10.9	10.4-11.4	8.8	12.3	11.6-13.0	7.8	91	8.3-9
!	;	!		أمما		8.4-9.0	7.9	9.2	£.9-
uth	7.0	8.9	8.7-9.1	6.4	8.7 8.5	8.1-9.0 <sup>1</sup>	7.7	9.0 '	8.5-
South Atlantic	7.0 !	87	8.4-9.0 ;	6.4 7 1	9.2	8.1-10.4	90	7.6 :	6.4-
Delaware	7.9	8.5	7.6-9.4 9.6-11.6	9.6	12.0	10.5-13.4	8.4	9.2	8.0-1
District of Columbia	9.0	10.6	7.6-8.8	6.6	81	7.3-8.8	7.1	8.3	7.4-
Florida	6.8	8.2 7.8	7.0-8.6   7.0-8.6	5.4	7.3	6.3-8.3	7.5	8.4	7.2-
Georgia	6.4		7.7-9.1	7.1 i	8.6	7.6-9.5	7.5	8.3	7.3~
Maryland	7.3 6.4	8.4 9.0	8.1-9.9		8.0	6.9-9.2	7.7	10.2	8.9-1
North Carolina	8.4	10.8	9.8-11.8	7.3 :	10.8	9.5-12.1	9.8	10.9	9.5~1
South Carolina	6.1	7.7	6.7-8.7	4.9	7.1	5.8-8.4	7.6	8.4	6.8-
Virginia West Virginia	10.7	13.9	12.8-15.0	11.8	15.5	14.1-16.9	8.9	11.5	9.9-1
"	1	i			44.0	110106	10.1	12.4	11.5-1
East South Central	9.2	12.1	11.5-12.7	8.5	11 8	11.0-12.6 12.5-15.5	12.0	14.9	13.2-1
Alabama	10.7	14.4	13.3-15.5	9.6	14.0 11.0		9.0	10.1	8.5-1
Kentucky	8.4	10.6	9.5-11.7	7.9 7.2	10.7	9.4-12.1	9.8	11.4	9.9-1
Mississippi	8.3	11.0	10.0-12.0	8.7	11.1	9.8-12.4	9.6	12./	11.2-1
Tennessee	9.1	11.8	10.8-12.8	i	11.1	İ	1	į	
West South Central	5.9	7.5	7.1-7.9	5.2	7.3	6.8-7.8	70	7.8	7.2-
Arkansas	9.1	9.8	8.8-10.8	8.3	8.5	7.3-9.8	10.1	11.3	9.7-1
Louisiana	8.4	10.3	9.4-11.2	7.5	9.8	8 7-10.9	9.8	11.1	9.7-1
Oklahoma	3.6	5.7	5.0-6.4	3.5	6.3	5.4-7.3	3.6	4.8 7.1	3.8- 6.4-
Texas	5.3	6.9	6.8-8.8	4.4	6 7	6 1-7.3 j	6.4	7.1	0.4-
orth Central	8.6	11.1	10.8-11.4	8.7	11.7	11.3-12.1	8.8	10.3	9.9-1
East North Central	9.7	12 5	12.1-12.9	9.8	13.1	12.6-13.6	9.6	11.7	11.1-1
Illinois	8.5	11.3	10.7-11.9	6.5	118	11.1-12.6	8.5	10.6	9.8-1
Indiana	10.1	11.9	11.1-12.7	9.7	12.5	11.4–13.5	10.6	11.3	10.1-1
Michigan	12.3	15.5	14.8-16.2	12.1	15.7	14.7-16.7	12.6	15.1	14.0-1
Ohio	9.6	12.5	11.9-13.1	10.1	13.4	12.6-14.2	9.0	11.3	10.5-1
Wisconsin	7.8	10 7	9.7-11 7	8.0	11.7	10.3-13.1	7.6	9.3	7. <b>9</b> –1
West North Central	6.0	7.8	7.4-8.2	6.0	8.3	7 7-8.9	6.0	7.1	6.5
lowa	69	8.5			10.0	8.6-11.3	6.8	66	5.3-
Kansas		63	5.5-7.1	4.2	7.0	5.8-8.1	4.3	5.4	4.2-
Minnesota		7.8	7.0-8.6	5.8	8 3	7.1-: 4	5.2	7.3	6.1-
Missouri		9.2	8.4-10.0	7.4	9.3	8.3-10 4	8.1	91	7.9-1
Nebraska		8.1	5.3 <b>-6</b> .9	3.8	6.5	5.4-7.6	4.4	5.6	4.4
North Dakota	5 0	5.9	5.0-6.8	5.1			4.9	5.8	4.5-
South Dakota	5 1	5.5	4.7-6.3	5.1	5.2	4 1-6.3	5.1	5.9	4.8-
	7.4	99	9.6-10.2	7.5	10.1	9 7-10.5	70	95	9.0-
est					90		6.7		7 7-
Arizona	61		9.0-10.8				6.7	97	8 3-1
Colorado	5.5	77	6.9-8.5				5.7	71	5.9
Idaho	76	9.8	8.8-10.8				7.4		7. <del>9</del> -
Montana	69	86	7 6-9.6	•		8.1-108	7.6	74	6 0-
Nevada	7 1	10.1	9 1-11.1	7 1	10 6	9 2-11 9		96	
New Mexico	7.0	9 2	8 2-10 2	7.1	86	7.4-98	7.5	99	
Utah	67	78	68-8.8	. 5. <b>8</b>	79		79		6.1
Wyoming		5 8	50-6.6		6.4	5.3-7.5	4.5	50	3.8
-			_	_					20
Pacific	78	10 2	9,8-10.6	80	10 6	10 1-11.1	77	99	9 3-1
Alaska	9 3	9 9		. 10 4		9 5-12 4		85	7 0-1
California		9 9	9.6-10 2	7.5	10 2	9.7-10.7		96	9 1-1 4 9-
	5 4	67	6.0-74	· 58	7.3	6 3-8 4		59	
Hawaii		_							7n -
Hawaii Oregon	0.0	11 5 12 1	10 5~12 5 11 0~13 2	10 4 9 7	11 6 12 7	10 3-12 9 11 2-14 1	9 2 9 3	115 114	9 <b>9-</b> 1 9.8-1



Table 43. Unemployment rates for regions and States by sex, age, and race, 1981-82—Continued

_	Both	sexes, 16 to	19 years		White			Black	
Region and State	1981	1982	Error range 1982 <sup>1</sup>	1981	1982	Error range 1982 <sup>1</sup>	1981	1982	Error range 1982 <sup>1</sup>
United States	19.6	23.2	<b>22.7-23.</b> 7	6.7	6.6	6.5–8.7	15.6	18.9	18.5-19.
Northeast	20.1	22.1	20.7-23.5	6.6	6.3	8.0-8.5	15.5	16.7	15.4-16.
New England	16.6	20.7	18.5-23.0	6.0	7.6	7.1-8.0	14.6	14.4	11,0–17.
Connecticut	17.2	18.3	14.6-21.9	5.4	6.2	5.5-6.9	17.7	16.7	12.9-20.
Maine	16.1	22.8	16.5-27.2	7.2	8.6	7.6-9.5	(*)	(*)	(1
Massachusetts	15.9	21.4	18.9-23.9	6.1	7.8	7.2-8.3	11.3	11.3	6.0-14
New Hampshire	15.4	16.2	12.5-19.9	5.1	7.3	6.5-8.1	(*)	( <sup>2</sup> )	(1
Rhode Island	19.4	27.0	22.9-31.0	7.3	10.0	9.1-10.9	(*)	(²)	(1
Vermont	13.1	17.4	13.6-21.2	5.7	6.9	6.1-7.6	(*)	(²)	(ì
Middle Atlantic	21.7	22.7	21.0-24.4	6.9	6.5	6.2-8.9	<b>15.</b> 6	17.0	15.6-16.
New Jersey	23.2	22.5	19.7-25.4	6.5	7.9	7.3-8.5	14.4	16.8	16.4-21.
New York	21.9	22.3	20.2-24.5	6.6	7.6	7.4-8.2	14,7	13.8	12.5-15.
Pennsylvania	20.3	23.3	20.9-25.7	7.5	9.9	9.4-10.5	18.7	22.6	20.4-25.
South	19.6	24.4	23.3-25.5	5.6	7.2	7.0-7.5	14.0	17.2	16.4-17.
South Atlantic	19.6	23.8	22.2-25.5	5.6	7.0	6,7-7.4	12.7	15.7	14.8-16.
Delaware	18.1	24.9	20.8-29.0	6.5	6.9	6,1-7.6	15.8	17.4	14.5-20.
District of Columbia	34.6	36.9	31.4-42.5	4.7	4.0	2.9-5.1	11.1	13.6	12.4-15.
Florida	19.4	22.6	19.8-25.5	5.8	6.6	6.1-7.2	11.8	16.0	14.2-17.
Georgia	18.3	21.2	17.2-25.1	5.0	6.1	5.4-6.9	12.1	13.3	11.4–15.
Maryland	18.6	23.6	20,2-26,9	5.5	7.1	8.4-7.6	14.5	14.8	12.7-16.
North Carolina	17.2	23.6	16.9-28.3	4.9	6.8	5.9-7.6	12.8	19.3	16.5-22.
South Carolina	20.9	24.4	19.9-28.9	5.5	6.0	7.0-9.0	15.1	17.2	15.1-19.
Virginia	20.4	25.6	20.0-31.6	4.9	6.2	5.2-7.2	11.5	14.7	11.5-17.
West Virginia	30.3	32.0	27.2-36.7	10.6	13.9	12.6-15.0	(2)	(²)	(\$
East South Central	26.3	31.3	28.8-33.9	7.2	9.6	9.0-10.2	16.2	23.7	22.0-25.
Alabama	27.0	31.6	26.7-36.5	7.5	10.9	9.8-12.1	21.3	26.9	24.0-29.
Kentucky	22.5	27.6	22.4-32.8	8.0	10.1	9.0-11.3	14.5	17.9	12.5-23.
Mississippi	25.1	31.1	26.0-36.1	4.8	6.9	5.97.9	16.9	21.2	16. <b>8-23</b> .
Tennessee	29.4	34.3	29.6-38.9	7.4	9.3	6.3-10.3	17.2	24.1	21.0–27.
West South Central	16.6	21.4	19.4-23.3	4.8	6.3	5.9-6.6	13.7	15.4	14.0-16.
Arkansas	21.6	29.1	24.4-33.6	7.2	6.2	7.2-9.2	21.1	19.5	15.9-23.0
Louisiana	21.0	27.6	23.2-31.9	5.9	7.3	6.4-8.2	15.8	19.0	16.8-21.
Oklahoma.	11.9	13.1	9.7-16.6	3.1	5.1	4.4-5.7	9.2	12.1	7.4-16.
Texas	15.6	20.4	17.8-23.0	4.5	6.0	5.5-6.5	11.5	12.7	10.8-14.0
North Central	19.5	22.7	21.5-24.0	7.6	9.7	9.4-10.0	20.8	26.9	25.5–28.
East North Central	22.0	25.6	24.0-27.1	8.5	10.9	10.6-11.3	21.8	27.3	<b>25.8-28</b> .
Illinois	20.5	23.3	20.8-25.9	7.1	9.2	8.7-9.6	19.1	26.2	<b>24.1–28</b> .
Indiana	20.6	24.6	21.1-28.4	9.1	11.0	10.2-11.8	23.4	23.7	20.0-27.
Michigan	25.5	26.7	25.9-31.4	10.6	13.3	12.6-14.1	26.8	33.3	30. <b>5–36</b> .
Ohio	23.1	27.5	24.9-30.2	8.6	11.2	10.811.7	20.4	25.0	<b>22.6–27</b> .
Wisconsin	17.9	21.6	17.4–25.9	7.4	10.1	9.1-11.1	(2)	(*)	(*
West North Central	14.1	16.3	14.5-16.2	5.6	7.1	6.7-7.5	15.5	24.0	20.7-27.
lowa	16.3	17.4	13.3-21.5	6.6	6.2	7.2-9.1	(*)	(*)	( <b>*</b>
Kansas	10.4	11.6	7.8-15.3	3.9	5.5	4.7-6.3	10.5	21.3	14.5~28.
Minnesota	13.7	14.3	10.6-17.6	5.4	7.3	6.5-8.1	(°)	(*)	(*
Missouri	17.1	21.7	17.8-25.7	8.9	8.0	7.2-8.8	16.3	22.6	16. <b>6-26</b> .
Nebraska	9.9	16.2	12.2-20.3	3.6	5.6	4.8~6.4	15.9	23.3	14.5-32.
North Dakota	9.9	13.1	9.0-17.2	4.7	5.4	4.6-6.3	(*)	(*)	(°
South Dakota	12.6	12.0	8.1-15.9	4.2	4.9	4.1~5 8	12) {	(*)	(*



Table 43. Unemployment rates for regions and States by sex, age, and race, 1981-82—Continued

	Both s	exes, 16 to	19 years	·	White			Black	
Region and State	1981	1982	Error range 1982 <sup>1</sup>	1981	1982	Error range 1962 <sup>1</sup>	1981	1982	Error range 1982 <sup>1</sup>
West	18.9	22.9	21.5-24.3	7.0	9.4	9.1-9.7	14.6	16.7	15.1-18.
Mountain	17.1	21.0	19.0-23.0	6.0	6.3	7.9-8.7	12.3	15.2	11.9–18.
Arizona	14.5	25.2	21.0-29.3	6.1	9.5	8.5-10.4	( <del>*</del> )	(º)	(²
Colorado	18.7	18.6	14.5-22.7	5.3	7.7	6.8-8.5	8.8 į	8.4	3.3-13.
Idaho	16.2	18.4	14.0-22.8	7.6	9.8	8.7-10.8	(*) ¦	(*)	(*
Montana	19.2	19.8	14.5-25.0	6.1	7.7	6.8-8.7	(*)	(*)	(*
Nevada	16.5	22.8	17.8-27.8	6.5	9.2	8.2-10.3	16.4	21.6	16.3-27.
New Mexico	21.9	24.2	19.7-28.8	6.2	7.9	8.9-8.8	(*)	(²)	(ª
Utah	15.4	19.0	14.5-23.5	8.6	7.7	6.7-8.7	(*)	( <sup>2</sup> ) i	(*
Wyoming	11.8	13.0	6.6-17.4	4.0	5.6	4.8-6.4	(*)	(*) j	(*
Pacific	19.7	23.7	21.9-25.5	7.4	9.8	9.4-10.2	14.9	16.9	15.1-18.
Alaska	15.7	17.5	12.6-22.3	7.3	8.5	7.4-9.6	12.7	15.8	8.7-22.
California	16.7	23.4	21.7-25.2	6.9	9.4	9.1-9.8	14.4	16.4	14.8-18.
Hawaii	16.9	22.3	17.7-26.9	6.5	7.7	8.2-9.1	(*)	( <del>*</del> )	(3
Oregon	22.8	25.6	20.6-30.5	9.2	11.0	10.0-12.0	(*)	(*)	(2
Washington	24.0	25.1	20.2-29.9	9.1	11.4	10.3-12.6	(²)	(²)	(3

<sup>&</sup>lt;sup>1</sup> Error ranges are shown for 1982 unemployment rates at the 90-percent confidence interval, which means that, if repeated samples were drawn from the same population and an error range constructed around each sample astimate, in 9 out of 10 cases the true value based on a complete

Table 44. Unemployment rates for Hispanic-origin workers, selected States, 1980-82

		Unemployment rate		Error range 1 1982
State	1980	1981	1982	EliOt (#IIIA - 1905
United States	10.1	10.4	13.8	13.3-14.3
Arizona	10.2	10.6	17.2	14.1-20.2
California	10.0	11.3	15.3	14.3-16.3
Colorado	11.3	13.4	15.6	11.8-19.3
Florida	7.1	8.2	11.6	9.5-13.7
Illinois	14.6	12.7	18.5	15.1-21.8
New Mexico	11.3	9.7	13.2	11.1-15.3
New York	ا 10.9 إ	11.1	13.2	11.5-15.0
Texas	8.5	7.6	10.4	9.1-11.7

<sup>&</sup>lt;sup>1</sup> State error ranges for the Hispanic-origin population were not available at the time of publication. The State error ranges provided are computed from the sampling error tables for black and other workers and serve as an approximation of the sampling errors for Hispanic workers. Error ranges are shown at the 90-percent confidence interval, which means that, if repeated

samples were drawn from the same population and an error range constructed around each sample estimate, in 9 out of 10 cases, the true value based on a complete census of the population would be contained within these error ranges.



census of the population would be contained within these error ranges.

2 Unemployment rates are not shown when they do not meet BLS standards of publication for the State, based on the sample in that State.

Table 45. Persons with work experience during the year by sex and extent of employment, 1950-81

:	¦ • .	Nui	nber wh	o worke	d during	year (th	ousand	в) і					Perce	nt distrib	ution			
Sex and			Full	time <sup>a</sup>			Part	time <sup>3</sup>	•			Full	ime ²			Part 1	time *	
year :	Total	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Total	50 to 52 weeks	27 to 49 weeks	1 to 26 weeks	Total	Total	50 to 52 weeks		1 to 26 weeks		50 to 52 weeks	49	to 26 weeks
TOTAL			! !															
950	68,876	58,181	38,375	11,795	8,013	10,695	3,322	2,214	5,162	100.0	84.5	55.7	17.1	11.6	15.5	4 8	3 2	7.5
1951 1952	69,962 70,512	59,544	40,142	12,018 12,374		10,418 10,218	3,144 3,092	2,240 2,294	5,034 4,832	100.0 100.0	85.1 85.5			10.6	14.9	4.5	3.2	
،۱953	70,682	60,532	41,601	12,003	6,928	10,150	3,270	2,333	4,547	100.0	85.6	58.9	17.5 17.0		14.5 14.4	4.4 4.6	3.3 · 3.3	6.9 6.4
1954	71,797	60,059	40,080	12,025	7,954	11,738	3,701	2,663	5,374	100.0	83.7	55.8	16.7	11 1	16.3	5.2	3.7	7.5
1955		62,581	42,624	11,952		12,772	4,773	2,573	5,426	100.0	83.1	1	15.9	10.6	16.9	6 3	3.4	
1956 1957		62,874	42,776	11,791	7,868 8.075	13,415 14,790		2, <b>6</b> 93 2,872	5,962 6,929	100.0 100.0	82.3 81.0		15.5 15.4	10,4 <sub>1</sub> 10,4	17.7° 19.0	63 64	3.6° 3.7°	
958	77,117	61,676	41,329	11,546	8,799	15,441	5,402	3,025	7,014	100.0	80.0		15.0	1 1	20.0	70		9.1
959	į	63,004	42,030	12,515	8,459	15,158	5,173	3,104	6,881	100.0	80.6	53.8	16.0	10.8	19.4	6.6	4.0	8.8
960 961		64,153	43,265	12,132		16,465		3,290	7,868	100.0	79.6	53.7	15.0	1	20.4	:		9.8
962	82.057	65,327	44,079	12,102	' '	16, <b>06</b> 9 16,730	5,191 5,130	3,068 3,368	7,810 8,232	100.0 100.0	80.0 79.6		15.0 14.7	11.4, 11.1	20.0: 20.4		3.8 4.1	9.7 10.0
963		66,167	45,449	11,565		17,060	5,229	3,353	8,478	100.0	79.5	54.6	13.9	11.0	20.5	6.3	4.0	10.2
964					9,288	17,299	5,268	3,374	8,657	100.0	79.6	55.0	13,7	10.9	20.3	6.2	4.0	10.2
965 9664	86,186 86,266,		48,392			17,489	5,418	3,268	8,803	100.0	79.7		13.0	. 1	20.3	6.3		10.2
967	88,179			10,702	9,502	16,126 16,270	5,407 5,641	3,380 3,430	7,339 7,199	100.0 100.0	81.3 81.5	58.0 58.6	12.31 12.1	10.9 10.8	18.7) 18.5	6.3 6.4	- 1	8.5 8.2
968	90,230	73,266	52,285	11,111	9,866	16,964	5,769	3,720	7,475	100.0	81.2		12.3	10.9	18.8	6.4	4.1	8.3
969	1					18,324	6,282	4,112	7,930	100.0	80.2	57.1	12.3	10.8	19.8	6.8	4.4	8.6
970 971	93,850 95 48 1	74.520	52,143 53 538	12,157	10,220	19,330	6,323 6,827	4.367 4,456	8,640	100.0 100.0	79.4 79.4		13.0	10.9	20 6	6 7	4.7	9.3
972	97,654	78,157	55,708	11,694	10,756	19,496	6,562	4,334	8,431 8,601	100.0	80.0	56.1 57.0	12.3 12.0	11.0 11.0	20.6 20.0	7.2 6.7	4.7 4.4	8.8 8.8
973i 974	101,112	80,198	57,648 55.756	11,900	10,651	20,913	7,029	4,837	9,047	100.0	79.3	57.0	11.8	10.5	20 7	7.0	4.8	8.9
					1	1	7,133	5,562	9,201	100.0	78.7	54.3	13.3	11.0	21.3	7.0	5.4	8.9
975 976	102,603! 105,809	80,906 83 02 1	55,690 57,346	13,226 13,639	11,990	21,697	7, <b>686</b> 7,611	5,391 5,679	8,618 9,495	100.0 100.0	78.9 78.5	54.3 54.2	12.9 12.9	11.7 11.4	21.1 <sup>1</sup> 21.5 <sup>1</sup>	7.5 7.2	5.3 5.4	8.4 9.0
977	108,914	85,605	59,725	14,155	11,727	23,307	7,773	5,846	9,688	100.0	78.6	54.8	13.1	10.8	21.4	7.1	5.4	8.9
978' 979	112,335 114,993	88,843 90 789	63,174 64,708	14,044	11,626	23,492	7,890 8,190	6,112 6,291	9,489 9,722	100.0 100.0	79.1 79.0	56.2 56.3	12.5 13.0	10.3 9.7	20.9 21.0	7 0 7 1	5.4 5.5	8.4 8.5
1	i				ŀ	l				1	j		i	į	21.0	7.1.	ļ	0.5
980 981	115,752 116,794	90,920	64,936 65,292	14,466 14,436	11,517 10, <del>94</del> 2	24,832 26,124	8,937 9,133	6,028 6,596	9,867 10,395	100.0 100.0	78.5 77.6	56.1 55.9	12.5 12.4	9.9 9.4	21.5 22.4	7.7 7.8 <sub>1</sub>	5.2 5.6	8.5 8.9
Men										1			į	1		:	i	
950 951	45,526 45.364	41,042 41 338	29,783	7,624 7,518	3,636 2,826	4,484	1,406 1,310	1,004 918	2,074 1,798	100.0	90.2 91.1	65.4 68.1	16.7 16.6	8.0 6.4	9 8 8.9	3.1 2.9	2.2 2.0	4.6
952	45,704	41,816	30,878	7,922	3,016	3,888	1,178	896	1,814	100.0	91.5	67.6	17.3	6.6	8.5	2.6	2.0	4.0 4.0
953 954	46,146 46,318	42,059: 41,404	31,902	7,317 7,567	2,840 3,448	4,087 4,914	1,341 1,552	1,055 1,227	1,691 2,135	100.0 100.0	91.1 89.4	69.1 65.6	15.9 16.3	6.2 7.4	8.9	29	2 3: 2.6;	3.7 4.6
955	47,624	;	!	7,356	3,331						1	:	,	į.	10.6	3.4		
956	47.904	42,704	32,342	7,218	3,144	4,810 5,200	1,930 1,920	1,066	1,814 2,206	100.0	89.9 89.1	67.5 67.5;	15.5¦ 15.1∣	7.0 6.6	10 1 10.9	4 1 4.0	2.2! 2.2!	3.8 4.6
957 958 :	48,709 48,380			7,350	3,447	5,823	2,135	1,115	2,573	100.0	88 0	65.9	15 1	7.1	120	4.4	2.3	5.3
959	48,973			7,233 7,630	4,091 3,665	6,328 5,976	2,348 2,211	1,259 1,224	2,721 2,541	100.0	86.9 87.8	63.5 64.3	15.0; 16.0;	8.5∤ 7.5∤	13 1 12 2:	4 9 4 5	2 6 <sub>]</sub> 2.5;	5.6 5.2
960 ,	50,033			7,653	3,857	6,557	2,247	1,267	3,043	100.0	86.9	63.9	153	7 <b>7</b>	13.1	4 5	2 5 <sup>‡</sup>	6.1
961 962	49,854 50,639				4,264	6,387	2,240	1,163	2,984	100.0	87.2	63.7	14 9	8.6	12 8	4.5	2 3	60
963 .	51,039	44,294	33,587	6,686	4,289 4,021	6,652 6,745	2,114 2,098	1,305 1,274	3,2\foot3 3,373	100.0	86.9 86.8	64 2 65.8	14 2 13.1	8 5, 7 9	13.1 13.2	4 2 4 1	2.6 2.5	6.4 6.6
964	51,978	45,313 <sub>1</sub>	34,428	6,723	4,162	6.665	2.164	1,220	3,281	100.0	87.1	66.2	12 9	80:	128	4 2	2 3	6.3
96c	52.419			6,306	3,946	6,867	2,326	1,197	3,344	100.0	86.9	67.3	120	7 5	13 1	4 4	23	6.4
9664 967	51.708 52.392			5,802 6,051	3.916 3.986	5,799 5,734	2,091 2,096	1,162 1,202	2,546	100.0 100.0	88.8 89.1	70 0 69 9'	11 2 <sup>1</sup> 11 5;	7.6 7.6	11 2 10 9	4.0 4.0	2 2 <sub>.</sub> 2 3	4 9 4 6
96 <b>8</b>	53,312	47,313	37,014	6,111	4,188	5,999	2,237	1,227	2,535	100.0	88.7	69.4	11.5	7.9	11 3	4 2	23.	4.8
169	54.390	,	ļ	1	4,207	6,640	2,366	1,449	2,625	100.0	87.8	68.3	11 7	7 7	12 2	4 4	2 7.	5.2
170 1 <b>71</b>	55,041 56.257				4.647	6,858	2,441	1,455	2,962	100.0	87 5	66 1	13 0	8 4	12 5	44	26	5.4
72	57.420	50,326	38.596	6,942 6,808	4,975 4,922	7,202 7,095	2,535 2,403	1,577 1,532	3,089 3,160	100.0 100.0	87 2 87 6	66.0 67.2	123 119	88. 86	12 8 12 4	4 5 4 2	2.8 2.7	5.5 5.5
973 974	58,858	51,422	39,956;	6.736	4,729	7,437	2,532	1,639	3.266	100.0	87.4	67 9	114	8.0	126	4 3	28	5.5
974 Socionis	59. <b>38</b> 9 notes at e			<b>8.056</b> :	5,460	7,565	2,545	1,877	3,142	100.0	87.3	64.5	13.6	9.2.	12 7	4 3	3 2	5.3



Table 45. Persons with work experience during the year by sex and extent of employment, 1950-81—Continued

976	.091 .361 .693 .015 .063 .260 .769 .350 .598 .808 .479 .729 .948 .955 .736 .189	52,791 53,922 55,353 56,078 56,031 55,808 17,139 18,206 18,478 18,473 18,655 19,767 19,733 19,788 10,623 20,007	52 weeks 37,693 38,669 39,835 41,656 42,464 41,915 41,806 8,592 9,248 9,698 9,699 9,691 10,497 10,436 10,729 10,602	7,908 8,014 8,239 8,005 8,259 8,284 8,338 4,171 4,500 4,452 4,686 4,458 4,598 4,573 4,631 4,313	6,107 5,847 5,689 5,355 5,831 5,665 4,377 4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	7,386 7,571 7,772 7,664 7,986 8,229 8,961 6,211 6,392 6,330 6,063 6,824 7,962 8,215 8,967 9,113	50 to 52 weeks 2,578 2,541 2,525 2,544 2,699 2,814 1,916 1,929 2,149 2,843 2,840 2,854 3,054	1,772 1,796 1,910 1,913 1,999 1,901 2,085 1,210 1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,035 3,234 3,337 3,206 3,288 3,515 3,930 3,018 2,856 3,018 2,856 3,239 3,612 3,756 4,356 4,293	100.0 100.0 100.0 100.0 100.0	Total  87.5 87.5 87.4 87.8 87.2 86.2  73.4 74.0 74.5 75.3 70.6 69.0 68.3	63.8 64.1 64.6 66.1 66.3 65.2 64.5 38.7 39.5 38.0 37.9 37.3 37.0	27 to 49	10.1 9.5 9.0 8.4 9.1 8.7 18.7 17.8 16.7 17.7 16.9 16.9	12.5 12.5 12.6 12.2 12.5 12.8 13.8 26.6 26.0 25.5 24.7 26.8 28.7 29.4 31.0	4.4 4.2 4.1 4.0 4.2 4.4 4.5 7.5 7.7 7.9 8.4 10.3	27 10	1 to 26 weeks 5.1 5.3 5.4 5.1 5.5 6.1 13.2 12.2 11.6 12.7 13.0 14.8
Aen-Con-	.091 .361 .693 .015 .063 .260 .769 .350 .598 .808 .479 .729 .948 .955 .736 .189	51,706 52,791 53,922 55,353 56,078 56,031 55,808 17,139 18,478 18,478 18,473 18,655 19,767 19,733 19,733 19,733 10,623 20,007	52 weeks 37,693 38,669 39,835 41,656 42,464 41,915 41,806 8,592 9,248 9,698 9,699 9,691 10,497 10,436 10,729 10,602	7,908 8,014 8,239 8,005 8,259 8,284 8,338 4,171 4,500 4,452 4,686 4,458 4,573 4,631 4,313	6,104 6,107 5,847 5,689 5,355 5,831 5,665 4,377 4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	7,386 7,571 7,772 7,664 7,986 8,229 8,961 6,330 6,063 6,063 6,824 7,962 8,215 8,967 9,113	2,578 2,574 2,541 2,525 2,544 2,699 2,814 2,946 1,916 1,834 1,914 1,929 2,149 2,843 2,840 2,854 3,054	1,772 1,796 1,910 1,913 1,999 1,901 2,085 1,210 1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,768	3,035 3,234 3,337 3,206 3,288 3,515 3,930 3,088 3,236 3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	87.5 87.5 97.4 87.8 87.5 87.2 86.2 73.4 74.0 74.5 75.3 70.6 69.0	52 weeks 63.8 64.1 64.6 66.1 66.3 65.2 64.5 38.7 39.5 38.0 37.9 37.3 37.0	13.4 13.3 13.4 12.7 12.9 12.9 17.9 18.3 17.9 19.1 17.5 16.5 16.4	10.3 10.1 9.5 9.0 8.4 9.1 8.7 18.7 17.8 16.7 17.7 16.9 16.9	12.5 12.5 12.6 12.2 12.5 12.8 13.8 26.6 26.0 25.5 24.7 26.8 28.7 29.4 31.0	52 weeks 4.4 4.2 4.1 4.0 4.2 4.4 4.5 7.5 7.7 7.9 8.4 10.3 10.2 9.9	3.0 3.0 3.1 3.0 3.1 3.0 3.2 5.1 5.6 5.2 5.6 5.4 5.8 6.1	5 5 5 5 5 13 12 11 12 13 13 13 13 13
	,361 ,693 ,015 ,063 ,260 ,769 ,350 ,598 ,808 ,536 ,479 ,729 ,948 ,945 ,736 ,189	52,791 53,922 55,353 56,078 56,031 55,808 17,139 18,206 18,478 18,473 18,655 19,767 19,733 19,788 10,623 20,007	38,669 39,835 41,656 42,464 41,915 41,806 8,592 9,248 9,608 9,691 10,497 10,436 10,729 10,602	8,014 8,239 8,005 8,259 8,284 8,338 4,171 4,500 4,452 4,686 4,458 4,573 4,631 4,313	6,107 5,847 5,689 5,355 5,831 5,665 4,377 4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	7,571 7,772 7,664 7,986 8,229 8,961 6,211 6,392 6,330 6,063 6,824 7,962 8,215 8,967 9,113	2,541 2,525 2,544 2,699 2,814 2,946 1,916 1,914 1,929 2,149 2,843 2,840 2,854 3,054	1,796 1,910 1,913 1,999 1,901 2,085 1,210 1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,234 3,337 3,206 3,288 3,515 3,930 3,088 3,236 3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	87.5 97.4 87.8 87.5 86.2 73.4 74.0 74.5 75.3 70.6 69.0	64.1 64.6 68.1 66.3 65.2 64.5 36.8 37.6 38.7 39.5 38.0 37.9 37.3 37.0	13.3 13.4 12.7 12.9 12.9 17.9 18.3 17.9 19.1 17.5 16.5 16.4	10.1 9.5 9.0 8.4 9.1 8.7 18.7 17.8 16.7 17.7 16.9 16.9	12.5 12.6 12.2 12.5 12.8 13.8 26.6 26.0 25.5 24.7 26.8 28.7 29.4 31.0	4.2 4.1 4.0 4.2 4.4 4.5 8.2 7.5 7.7 7.9 8.4 10.3 10.2 9.9	3.0 3.1 3.0 3.1 3.0 3.2 5.1 5.4 5.6 5.2 5.6 5.4 5.8	5.3 5.4 5.1 5.5 6.1 13.2 12.2 11.6 12.7
976	,361 ,693 ,015 ,063 ,260 ,769 ,350 ,598 ,808 ,536 ,479 ,729 ,948 ,945 ,736 ,189	52,791 53,922 55,353 56,078 56,031 55,808 17,139 18,206 18,478 18,473 18,655 19,767 19,733 19,788 10,623 20,007	38,669 39,835 41,656 42,464 41,915 41,806 8,592 9,248 9,608 9,691 10,497 10,436 10,729 10,602	8,014 8,239 8,005 8,259 8,284 8,338 4,171 4,500 4,452 4,686 4,458 4,573 4,631 4,313	6,107 5,847 5,689 5,355 5,831 5,665 4,377 4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	7,571 7,772 7,664 7,986 8,229 8,961 6,211 6,392 6,330 6,063 6,824 7,962 8,215 8,967 9,113	2,541 2,525 2,544 2,699 2,814 2,946 1,916 1,914 1,929 2,149 2,843 2,840 2,854 3,054	1,796 1,910 1,913 1,999 1,901 2,085 1,210 1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,234 3,337 3,206 3,288 3,515 3,930 3,088 3,236 3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	87.5 97.4 87.8 87.5 86.2 73.4 74.0 74.5 75.3 70.6 69.0	64.1 64.6 68.1 66.3 65.2 64.5 36.8 37.6 38.7 39.5 38.0 37.9 37.3 37.0	13.3 13.4 12.7 12.9 12.9 17.9 18.3 17.9 19.1 17.5 16.5 16.4	10.1 9.5 9.0 8.4 9.1 8.7 18.7 17.8 16.7 17.7 16.9 16.9	12.5 12.6 12.2 12.5 12.8 13.8 26.6 26.0 25.5 24.7 26.8 28.7 29.4 31.0	4.2 4.1 4.0 4.2 4.4 4.5 8.2 7.5 7.7 7.9 8.4 10.3 10.2 9.9	3.0 3.1 3.0 3.1 3.0 3.2 5.1 5.4 5.6 5.2 5.6 5.4 5.8	5.5 5.4 5.5 5.5 6.3 13.2 12.2 11.6 12.3 13.4 15.0
977 61, 978 63, 979 64, 980 64, 981 64, 981 64, Women  950 23, 951 24, 952 24, 953 24, 954 25, 955 27, 956 27, 958 28, 959 29, 960 30, 961 30, 962 31, 963 32, 964 33, 965 33, 966 34, 967 35,	.693 .015 .063 .260 .769 .350 .598 .808 .536 .479 .729 .948 .955 .736 .189	53,922 55,353 58,078 56,031 55,808 17,139 18,206 18,478 18,473 18,655 19,767 19,733 19,988 10,623 20,007	39,835 41,656 42,464 41,915 41,806 8,592 9,248 9,608 9,699 10,497 10,436 10,729 10,602	8,239 8,005 8,259 8,284 8,338 4,171 4,500 4,452 4,686 4,458 4,596 4,573 4,631 4,313	5,847 5,689 5,355 5,831 5,665 4,377 4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	7,772 7,664 7,986 8,229 8,961 6,211 6,392 6,330 6,063 6,824 7,962 8,215 8,967 9,113	2,525 2,544 2,699 2,814 2,946 1,916 1,914 1,929 2,149 2,843 2,840 2,854 3,054	1,910 1,913 1,999 1,901 2,085 1,210 1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,337 3,206 3,288 3,515 3,930 3,088 3,236 3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	97.4 87.8 87.5 87.2 86.2 73.4 74.0 74.5 75.3 73.2 71.3 70.6 69.0	64.6 66.1 66.3 65.2 64.5 36.8 37.6 38.7 39.5 38.0 37.9 37.3 37.3	13.4 12.7 12.9 12.9 17.9 18.3 17.9 19.1 17.5 16.5 16.4	9.5 9.0 8.4 9.1 8.7 18.7 17.8 16.7 17.7 16.9 16.9	12.6 12.2 12.5 12.8 13.8 26.6 26.0 25.5 24.7 26.8 28.7 29.4 31.0	4.1 4.0 4.2 4.4 4.5 8.2 7.5 7.7 7.9 8.4 10.3 10.2 9.9	3.1 3.0 3.1 3.0 3.2 5.1 5.4 5.6 5.2 5.6 5.4 5.8	5.4 5.5 5.5 6.1 13.2 12.2 11.6 12.1 13.4 15.0
978	,015 ,063 ,260 ,769 ,350 ,598 ,808 ,536 ,479 ,729 ,945 ,736 ,189	55,353 56,078 56,031 55,808 17,139 18,206 18,478 18,473 18,655 19,767 19,733 19,783 10,623 20,007	41,656 42,464 41,915 41,806 8,592 9,248 9,608 9,699 9,691 10,497 10,436 10,729 10,602	8,005 8,259 8,284 8,338 4,171 4,500 4,452 4,686 4,458 4,598 4,573 4,631 4,313	5,689 5,355 5,831 5,665 4,377 4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	7,664 7,986 8,229 8,961 6,211 6,392 6,330 6,063 6,824 7,962 8,215 8,967 9,113	2,544 2,699 2,814 2,946 1,916 1,834 1,914 1,929 2,149 2,843 2,840 2,854 3,054	1,913 1,999 1,901 2,085 1,210 1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,206 3,288 3,515 3,930 3,088 3,236 3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	87.8 87.5 87.2 86.2 73.4 74.0 74.5 75.3 73.2 71.3 70.6 69.0	66.1 66.3 65.2 64.5 36.8 37.6 38.7 39.5 38.0 37.9 37.3 37.0	12.7 12.9 12.9 17.9 18.3 17.9 19.1 17.5 16.5 16.4	9.0 8.4 9.1 8.7 18.7 17.8 16.7 17.7 16.9 16.9	12.2 12.5 12.8 13.8 26.6 25.5 24.7 26.8 28.7 29.4 31.0	4.0 4.2 4.4 4.5 8.2 7.5 7.7 7.9 8.4 10.3 10.2 9.9	3.0 3.1 3.0 3.2 5.4 5.6 5.2 5.6 5.4 5.8 6.1	5. 5. 5. 6. 13.: 12.: 11.( 12.: 13.1 13
979	.260 .769 .350 .598 .808 .536 .479 .729 .948 .955 .736 .189	56,078 56,031 55,808 17,139 18,206 18,478 18,473 18,655 19,767 19,733 19,788 10,623 20,007	42,464 41,915 41,806 8,592 9,248 9,608 9,699 9,691 10,497 10,436 10,729 10,602	8,259 8,284 8,338 4,171 4,500 4,452 4,686 4,458 4,598 4,573 4,631 4,313	5,355 5,831 5,665 4,377 4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	7,986 8,229 8,961 6,211 6,392 6,363 6,063 6,824 7,962 8,215 8,967 9,113	2,699 2,814 2,946 1,916 1,834 1,914 1,929 2,149 2,843 2,840 2,854 3,054	1,999 1,901 2,085 1,210 1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,288 3,515 3,930 3,088 3,236 3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	87.5 87.2 86.2 73.4 74.0 74.5 75.3 73.2 71.3 70.6 69.0	66.3 65.2 64.5 36.8 37.6 38.7 39.5 38.0 37.9 37.3 37.0	12.9 12.9 12.9 17.9 18.3 17.9 19.1 17.5 16.5 16.4	8.4 9.1 8.7 18.7 18.1 17.8 16.7 17.7 16.9 16.9	12.5 12.8 13.8 26.6 26.0 25.5 24.7 26.8 28.7 29.4 31.0	4.2 4.4 4.5 8.2 7.5 7.7 7.9 8.4 10.3 10.2 9.9	3.1 3.0 3.2 5.1 5.4 5.6 5.2 5.6 5.4 5.8 6.1	5. 5.9 6. 13.1 13.1 12.1 11.1 12.1 13.1 15.1
981	.769 .350 .598 .808 .536 .479 .729 .948 .955 .736 .189	55,808 17,139 18,206 18,478 18,473 18,655 19,767 19,733 19,733 19,738 10,623 20,007	41,806 8,592 9,248 9,608 9,699 9,691 10,497 10,436 10,729 10,602	8,338 4,171 4,500 4,452 4,686 4,458 4,596 4,573 4,631 4,313	4,377 4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	6,211 6,392 6,330 6,063 6,824 7,962 8,215 8,967 9,113	2,946 1,916 1,834 1,914 1,929 2,149 2,843 2,840 2,854 3,054	1,210 1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,930 3,088 3,236 3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	73.4 74.0 74.5 75.3 73.2 71.3 70.6 69.0	36.8 37.6 38.7 39.5 38.0 37.9 37.3 37.0	12.9 17.9 18.3 17.9 19.1 17.5 16.5 16.4 16.0	18.7 18.1 17.8 16.7 17.7 16.9 16.9	13.8 26.6 26.0 25.5 24.7 26.8 28.7 29.4 31.0	4.5 8.2 7.5 7.7 7.9 8.4 10.3 10.2 9.9	3.2 5.1 5.4 5.6 5.2 5.6 5.4 5.8 6.1	6. 13.: 12.: 11.( 12.: 13.( 13.4
Women         23, 950         23, 951         24, 952         24, 953         24, 953         24, 953         24, 954         25, 955         27, 956         27, 957         28, 958         28, 959         29, 959         29, 960         30, 961         30, 961         30, 962         31, 963         32, 964         33, 965         33, 966         34, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         35, 967         36, 967	,350 ,598 ,808 ,536 ,479 ,729 ,948 ,955 ,736 ,189	17,139 18,206 18,478 18,473 18,655 19,767 19,733 19,988 10,623 20,007	8,592 9,248 9,608 9,699 9,691 10,497 10,436 10,729 10,602	4,171 4,500 4,452 4,686 4,458 4,596 4,573 4,631 4,313	4,377 4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	6,211 6,392 6,330 6,063 6,824 7,962 8,215 8,967 9,113	1,916 1,834 1,914 1,929 2,149 2,843 2,840 2,854 3,054	1,210 1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,088 3,236 3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0 100.0	73.4 74.0 74.5 75.3 73.2 71.3 70.6 69.0	36.8 37.6 38.7 39.5 38.0 37.9 37.3 37.0	17.9 18.3 17.9 19.1 17.5 16.5 16.4 16.0	18.7 18.1 17.8 16.7 17.7 16.9 16.9	26.6 26.0 25.5 24.7 26.8 28.7 29.4 31.0	8.2 7.5 7.7 7.9 8.4 10.3 10.2 9.9	5.1 5.4 5.6 5.2 5.6 5.4 5.8 6.1	13. 13. 12. 11. 12. 13. 13.
950 23, 951 24, 952 24, 953 24, 954 25, 955 27, 956 27, 958 28, 959 29, 960 30, 961 30, 962 31, 963 32, 964 33, 965 33, 966 34, 967 35,	,598 ,808 ,536 ,479 ,729 ,948 ,955 ,736 ,189	18,206 18,478 18,473 18,655 19,767 19,733 19,988 10,623 20,007	9,248 9,608 9,699 9,691 10,497 10,436 10,729 10,602	4,500 4,452 4,686 4,458 4,596 4,573 4,631 4,313	4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	6,392 6,330 6,063 6,824 7,962 8,215 8,967 9,113	1,834 1,914 1,929 2,149 2,843 2,840 2,854 3,054	1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,236 3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0	74.0 74.5 75.3 73.2 71.3 70.6 69.0	37.6 38.7 39.5 38.0 37.9 37.3 37.0	18.3 17.9 19.1 17.5 16.5 16.4 16.0	18.1 17.8 16.7 17.7 16.9 16.9	26.0 25.5 24.7 26.8 28.7 29.4 31.0	7.5 7.7 7.9 8.4 10.3 10.2 9.9	5.4 5.6 5.2 5.6 5.4 5.8 6.1	13.1 12.1 11.0 12.1 13.0 15.0
951	,598 ,808 ,536 ,479 ,729 ,948 ,955 ,736 ,189	18,206 18,478 18,473 18,655 19,767 19,733 19,988 10,623 20,007	9,248 9,608 9,699 9,691 10,497 10,436 10,729 10,602	4,500 4,452 4,686 4,458 4,596 4,573 4,631 4,313	4,458 4,418 4,088 4,506 4,674 4,724 4,628 4,708	6,392 6,330 6,063 6,824 7,962 8,215 8,967 9,113	1,834 1,914 1,929 2,149 2,843 2,840 2,854 3,054	1,322 1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,236 3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0	74.0 74.5 75.3 73.2 71.3 70.6 69.0	37.6 38.7 39.5 38.0 37.9 37.3 37.0	18.3 17.9 19.1 17.5 16.5 16.4 16.0	18.1 17.8 16.7 17.7 16.9 16.9	26.0 25.5 24.7 26.8 28.7 29.4 31.0	7.5 7.7 7.9 8.4 10.3 10.2 9.9	5.4 5.6 5.2 5.6 5.4 5.8 6.1	13.2 12.2 11.0 12.3 13.0 13.0
952 24, 953 24, 954 25, 955 27, 956 27, 958 28, 959 29, 960 30, 961 30, 962 31, 963 32, 964 33, 965 33, 966 34, 967 35,	,808 ,536 ,479 ,729 ,948 ,955 ,736 ,189	18,478 18,473 18,655 19,767 19,733 19,988 10,623 20,007	9,608 9,699 9,691 10,497 10,436 10,729 10,602	4,452 4,686 4,458 4,596 4,573 4,631 4,313	4,418 4,088 4,506 4,674 4,724 4,628 4,708	6,330 6,063 6,824 7,962 8,215 8,967 9,113	1.914 1,929 2,149 2,843 2,840 2,854 3,054	1,398 1,278 1,436 1,507 1,619 1,757 1,766	3,018 2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0 100.0	74.5 75.3 73.2 71.3 70.6 69.0	38.7 39.5 38.0 37.9 37.3 37.0	17.9 19.1 17.5 16.5 16.4 16.0	17.8 16.7 17.7 16.9 16.9	25.5 24.7 26.8 28.7 29.4 31.0	7.7 7.9 8.4 10.3 10.2 9.9	5.6 5.2 5.6 5.4 5.8 6.1	12.5 11.0 12.5 13.0 15.0
953 24, 954 25, 955 27, 956 27, 958 28, 959 29, 960 30, 961 30, 962 31, 963 32, 964 33, 966 34, 967 35,	,536 ,479 ,729 ,948 ,955 ,736 ,189	18,473 18,655 19,767 19,733 19,988 10,623 20,007	9,699 9,691 10,497 10,436 10,729 10,602	4,686 4,458 4,596 4,573 4,631 4,313	4,088 4,506 4,674 4,724 4,628 4,708	6,063 6,824 7,962 8,215 8,967 9,113	1,929 2,149 2,843 2,840 2,854 3,054	1,278 1,436 1,507 1,619 1,757 1,766	2,856 3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0 100.0	75.3 73.2 71.3 70.6 69.0	39.5 38.0 37.9 37.3 37.0	19.1 17.5 16.5 16.4 16.0	16.7 17.7 16.9 16.9 16.0	24.7 26.8 28.7 29.4 31.0	7.9 8.4 10.3 10.2 9.9	5.2 5.6 5.4 5.8 6.1	11.0 12.1 13.0 13.0
954	.479 .729 .948 .955 .736 .189	18,655 19,767 19,733 19,988 10,623 20,007	9,691 10,497 10,436 10,729 10,602	4,458 4,596 4,573 4,631 4,313	4,506 4,674 4,724 4,628 4,708	6,824 7,962 8,215 8,967 9,113	2,149 2,843 2,840 2,854 3,054	1,436 1,507 1,619 1,757 1,766	3,239 3,612 3,756 4,356	100.0 100.0 100.0 100.0	73.2 71.3 70.6 69.0	38.0 37.9 37.3 37.0	17.5 16.5 16.4 16.0	17.7 16.9 16.9 16.0	26.8 28.7 29.4 31.0	8.4 10.3 10.2 9.9	5.6 5.4 5.8 6.1	12.1 13.0 13.4 15.0
955	,729 .948 .955 .736 .189	19,767 19,733 19,988 10,623 20,007	10,497 10,436 10,729 10,602	4,596 4,573 4,631 4,313	4,674 4,724 4,628 4,708	7,962 8,215 8,967 9,113	2,843 2,840 2,854 3,054	1,507 1,619 1,757 1,766	3,612 3,756 4,356	100.0 100.0 100.0	71. <b>3</b> 70.6 69.0	37.9 37.3 37.0	16.5 16.4 16.0	16.9 16.9 16.0	28.7 29.4 31.0	10.3 10.2 9.9	5.8 6.1	13.4 15.0
956 27, 957 28, 958 28, 959 29, 960 30, 961 30, 962 31, 963 32, 964 33, 965 33, 966 34, 967 35,	.948 .955 .736 .189	19,733 19,988 10,623 20,007	10,436 10,729 10,602	4,573 4,631 4,313	4,724 4,628 4,708	8,215 8,967 9,113	2,840 2,854 3,054	1,619 1,757 1,766	3,756 4,356	100 0 100.0	70.6 69.0	37.3 37.0	16.4 16.0	16.9 16.0	29.4 31.0	10.2 9.9	5.8 6.1	13.4 15.0
957	,955 ,736 ,189 ,585	19,988 1ປ.623 20,007	10,729 10,602	4,631 4,313	4,628 4,708	8,967 9,113	2,854 3,054	1,757 1,766	4,356	100.0	69.0	37.0	16.0	16.0	31.0	9.9	6.1	15.0
958 28, 959 29, 960 30, 961 30, 962 31, 963 32, 964 33, 965 33, 966 34, 967 35,	,736 ,189 ,585	10,623 20,007	10,602	4,313	4,708	9,113	3,054	1,766			68.3		1 45 0	404	047	10.6	6.1	14.8
960 30, 961 30, 962 31, 963 32, 964 33, 965 34, 967 35,	,585		10,528	4,685	4,794	0 400		1 !			1,0.0	36.9	10.0	16.4	31.7	, ,,,,,		
961 30, 962 31, 963 32, 964 33, 965 33, 966 34, 967 35,		20.677		ī i	1	9,182	2, <del>96</del> 2	1,880	4,340	100.0	68.5	36.1	16.1	16.4	31.5	10.1	6.4	14.9
962 31, 963 32, 964 33, 965 33, 966 34, 967 35,			11,299	4,479	4,899	9,908	3,060	2,023	4,825	100.0	67.6	36.9	14.6	16.0	32.4	10.0	6.6	15.8
963 32, 964 33, 965 34, 967 35,		- 1	11,237		4,906	9,682	2,951	1,905	4,826	100.0	68.2	1	15.1	16.1	31.8	9.7	6.3	15.1
964			11,566			10,078			4,999	100.0	67.9		15.6	15.5	32.1	9.6	6.6	15.1
965 33, 966 · 34, 967 35,			11,862 12,418			10,315 10,634	1	2,079 2,154	5,105 5,376	100.0 100.0			15.2 15.0	15.9 15.5		9.7 9.4	6.5 6.5	15.1 16.1
966 · 34, 967 35,	1	į		1			1		İ		68.5	!		15.4	31.5	9.2	6.1	16.
967 35,			13,092 13,858		1 .	10,622	3,092 3,316	2,071 2,218	5,459 4,793	100.0 100.0	70.1	38.8 40.1	14.4 14.0	:	1	9.6	6.4	13.
			15,084			10,527		2,228	4,763	100.0	70.6		13.0	15.4	29.4	9.9	6.2	13.
968 36.			15,271			10,965		1 ' 1	4,940	100.0	70.3		13.6	j	29.7	9.6	6.8	13.
			15,636			11,684	3,916		5,105	100.0	69.3	41.1	13.1	15.1	30.7	10.3	7.0	13.
970	.809	26.337	15,782	4,982	5.574	12,472	3,882	2,911	5,679	100.0	67.9	1 1 40.7	12.8	14.4	32.1	10.0	7.5	14.0
1			16,398			12,512			5,341	100.0	68.1	1	12.1	14.2	31.9	10.9	7.3	13.
97240,	,233	27,831	17,112	4,886		12,402	4,159	2,802	5,441	100.0	69.2	42.5	12.1		30.8	10.3	7.0	13.
			17,691			13,477	4,497		5,781	100.0	68.1	41.9	12.2					13.
1974t 43,	,218	28,885	17,445	5,566	5,876	14,333	4,589	3,685	6,060	100.0	66.8	40.4	12.9	13.6	33.2	10.6	8.6	14.0
97543.	,511 <u>.</u>	29,201	17,997	5,317	5,886	14,310	5,109	3.619	5,583	100.0	67.1	41.4	12.2	13.5				
976 45,				5,627	5.930	15,215		, .		100.0				1			I I	
1977						15,536						1			•	i	1 1	
978   49,  979 50					5,935 5,824	15,828 16,218			6,282 6,434	100.0	67.9 68.2		1	•				12.
980 51.		•		:		16,603	l	i	6,352	1		44.7	I .			11.9	8.0	12.3
981 52.												:	•	t	33.0	1	! !	_

<sup>&</sup>lt;sup>1</sup> Time worked includes paid vacation and paid sick leave.

Data for 1966 forward refer to persons 16 years and over; 14 years and over for prior years.



<sup>&</sup>lt;sup>2</sup> Usually worked 35 hours or more a week.

<sup>&</sup>lt;sup>3</sup> Usually worked 1 to 34 hours a week

Table 46. Extent of unemployment during the year by sex, 1957-81

Sex and extent of unemployment	1957	1958	1959 1	1960	1961	1962	1963	1964	1965	1966 ²	1967
TOTAL			İ								
Total who worked or looked for		' Į									
work	78,585	78,787	79,494	82,204	81,963	83,944	85,038	86.837	87,591	87.540	89,432
Percent with unemployment	14.7	17.9	15.3	1/.2	18.4	18.2	16.7		14.1	13.0	12.9
Number with unemployment	11,568	14,120	12,195	14,151	15,096	15,256	14,211	14,052	12,334	11,387	
Did not work but looked for	-	·			,	·		,	:		
work	921	1,670	1,332	1,586	1,678	1,887	1,811	1,713	1,405	1,274	1,253
Worked during year	10,647	12,449	10,863	12,565	13,420	13,369	12,400	12,339	10,929	10,113	10,311
Year-round workers with 1 or 2			İ					i :			
weeks of unemployment	1,119	1,180	840	1,062	1,036	1,129	1,239	1,121	1,207	1,269	1,381
Part-year workers with unem-											
ployment	9,528	11,269	10,023	11,503	12,384	12,240	11,161	11,218	9,722	8,844	8,930
1 to 4 weeks	2,443	2,387	2,569	2,834	3,098	2,993	2,708	3,060	3,151	3,348	3,357
5 to 10 weeks		2,367	2,348	2,704	2,559	2,759	2,407	2,550	2,208	2,038	2,073
11 to 14 weeks	1,394	1,479	1,403	1,517	1,669	1,700	1,595	1,514	1,286	1,047	1,177
15 to 26 weeks	1,898	2,556	2,070	2,466	2,849	2,768	2,622	2,444	1,995 ;	1,567	1,520
27 weeks or more	1,∴54	2,482	1,633	1,982	2,209	2,020	1,840	1,650	1,082	844	803
Total with 2 or more spells of		_	Ì						i	:	
unemployment	4,377	5,117	4,228	4,602	4,963	5,219	4,635	4,755	3,942	3,411	3,357
2 spells	(*)	(*)	1,813	2,034	2,299	2,524	2,246	2,342	1,765	1,465	1,503
3 or more spells	(ª)	(*)	2,415	2,568	2,664	2,695	2,389	2,413	2,177	1,946	1,854
Men	į į										
Total who worked or looked for	ĺ		!								
work	49,444	49,158	49,523	50,686	50,610	51,412	51,817	52,645	52,958	52,103	52,788
Percent with unemployment	15.7	19.6	16.5	18.4	19.4	18.8	17.2	16.3	14.0	12.5	12.6
Number with unemployment	7,758	9,645	8,162	9,318	9,846	9,686	8,923	8,563	7,428	6,503	6,655
Did not work but looked for i										· 1	·
work	735	778	550	653	756	773	778	667	539	395	396
Worked during year	7,023	8,867	7,613	8,665	9,090	8,913	8,145	7,896	6,889	6,108	6,259
Year-round workers with 1 or 2											
weeks of unemployment	447	863	657	779	791	817	934	815	886	923	1,002
Part-year workers with unem-		-			,		1				
ployment	6,576	8,004	6,956	7,886	8,299	8,096	7,211	7,081	6,003	5,185	5,257
1 to 4 weeks	1,475	1,435	1,472	1,651	1,709	1,668	1,521	1,675	1,694	1,727	1,743
5 to 10 weeks	1,646	1,692	1,688	1,907	1,878	1,891	1,609	1,706	1,391	1,286	1,310
11 to 14 weeks	1,030	1,094	1,031	1,123	1,217	1,194	1,122	1,038	872	707	759
15 to 26 weeks	1,385	1,950	1,564	1,821	2.027	1,960	1,802	1,605	1,347	972	979
27 weeks or more	1,039	1,835	1,201	1,384	1,468	1,383	1,157	1,057	699	493	466
Total with 2 or more spells of	·		· I	,	.,	.,		.,	- 1		
unemployment	3,171	3,850	3,173	3,430	3.618	3,805	3,269	3,314	2,769	2,295	2,228
2 spelis		(e)	1,293	1,453	1,603	1,788	1,526	1,576	1,147	900	908
3 or more spells	(*)	(6)	1,880	1,977	2,015	2.017	1,743	1.738	1,622	1,395	1,320
Women			·	.		•	·	·			·
Total who worked or looked for	1	į							!	•	
work	29,141	29,628	29,971	31,518	31,353	32,532	33,221	34,192	34,633	35,437	36,644
Percent with unemployment	13.1	15 1	13.5	15.3	16.7	17.1	15.9	16.1	14 2	13.8	13.4
Number with unemployment	3,810	4,474	4,032	4,833	5,250	5,570	5,288	5,489	4,906	4,884	4,909
Did not work but looked for	,,,,,,	.,	1,002	4,000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	0,200	0,400	1,0-0	.,	.,
work	186	892	782	993	920	1,114	1,033	1,046	866	879	857
Worked during year	3,624	3,582	3,250	3,900	4,330	4,456	4,255	4,443	4,040	4,005	4,052
Voor reverd words as 5 with 4 as 6	}	1			i	1	ł	İ	1	1	
Year-round workers with 1 or 2	070									!	
weeks of unemployment	672	317	184	283	245	312	305	306	321	346	379
Part-year workers with unem-	0.050	0.00=	0.00-	00:-		i	00				0.0
ployment	2,952	3,265	3,067	3,617	4,085	4,144	3,950	4,137	3.719	3,659	3,673
1 to 4 weeks		952	1,097	1,183	1,389	1,325	1,187	1,385	1,457	1,621	1,614
5 to 10 weeks	693	675	660	797	681	868	798	844	817	752	763
11 to 14 weeksi	363 •	385	372	394	452	506	473	476	414	340	418
15 to 26 weeks	513	606	506	645	822	808	809	839	640	595	541
27 weeks or more	415	647	432	598	741	637	683	593	383	351 <sub>:</sub>	337
Total with 2 or more spells of	;	!			4	1				į į	
unemployment	1,206	1,267	1,055	1,172	1,345	1,414	1,366	1,441	1,173	1,116	1,129
2 spells	(*)	(*)	520 !	581 !	696	736	720	766	618 .	565	595
3 or more spells	(6)	(1)	535	591	649	678 i	646	675	555	551 '	534



Table 46. Extent of unemployment during the year by sex, 1957-81—Continued

Sex and extent of unemployment	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
TOTAL				i	•	1		į	: :					: :
Total who worked or looked for	•	İ		1	!			<u>}</u>	!	!			:	ļ
work.	! 01 480	93 840	95 578	97.652	99 730	HO2 747	104.769	105.843	108.783	111.531	ካ 14.464	116.983	118.348	่า 19,658
Percent with unemployment		12 5	153	16.3	15.5	143		20.2	19.1	17.9	15.9	15.8	18.1	19.5
Number with unemployment						14,697			20,795		18,185	1	L .	23,382
	11,332	11,/**	14,013	15.550	13.430	14,007	:	21,402	20,100	10,010	10,.00	10,100	1	; <b>-</b> -,
Did not work but looked for	1		1 4 705	0.174	0.076	1 4 605	1 2 464	2 240	2,973	2,618	2,129	1,990	2,597	2,883
work,,	1,250	1,163		2,171		1,635		3,240	• .					20,518
Worked during year	10,082	10,581	12,889	13,780	13,360	13,061	16,825	18,163	17,821	17,290	16,056	16,478	18,813	20,516
Voor round workers 3 with 1 or 2	:	! !	ī	į	! <b>:</b>	i		!	ļ				ļ	ĺ
Year-round workers 3 with 1 or 2	1 1005	4 200	1 101	1 110	1,159	1,209	898	860	752	863	689	856	925	1,170
weeks of unemployment		1,396	1,181	1,110	1,139	1,208	030	1 000	/52	000	1 003	000	j 525	1 .,
Part-year workers with unem-	•		!	40.070	40.004	44.050	45 707	17 202	47.071	16,628	15,387	15.622	17,888	19.348
ployment		9,185		12,870	12,201	11,852	15,727	17,303	17,071	4,278	1 .	4,264	3,908	3,991
1 to 4 weeks	1	3,614	3,313	3,154	3,436	3,767	4,542	3,848	3,930		4,181	•	3,781	4,040
5 to 10 weeks		2,177	2,738	2,728	2,634	2,872	3,790	3,423	3,554	3,686	3,490	3,542		1 .
11 to 14 weeks		j 1,057	1,875	1,703	1,531	1,557	1,881	2,263	2,307	2,183	2,234	2,335	2,452	2,815
15 to 28 weeks	1,406	1,542	2,477	2,963	2,725	2,417	3,429	4,342	4,048	3,775	3,323	3,378	4,404	4,940
27 weeks or more	734	795	1,508	2,124	1,874	1,438	2,083	3,426	3,232	2,723	2,157	2,102	3,343	3,562
Total with 2 or more spells of			İ	i		}	i	1	1					
unemployment	3,122	3,417	4,325	4,481	4,358	4,243	5,988	5,891	5,838	5,647	5,225	5,314	5,969	6,986
2 spells	1	1,603	2,096	2,220	2,122	2.047	3,166	3,038	3,024	2,975	2,735	2,804	3,159	3,750
3 or more spells		1,814	2,229	2,261	2,231	2,196	2,872	2,653	2,815	2,672	2,490	2,510	2,810	3,237
		1		ļ	1						•		İ	İ
Men			1		!			1						1
Total who worked or looked for	1		!	:	1	1	1	!		}				]
work	53,677	54,755	55,714	57,091	58,170	59.355	60.114	60.413	81,556	62,674	63,804	64,739	65,277	65,950
Percent with unemployment	, .	12.3	15.5	16.4	15.3	13.5	17.3	20.0	18.8	17.5	15.4	15.5	18.5	20.0
• •	6,263	6,709	8,642	9,372	8,881	8,032	10,421	12,101	11,587	10,949	9,822	10,042	12,072	13,175
Number with unemployment	0,203	0,703	0,042	0,372	0,001	0,002	10,721	12,.0.	1 1,00	10,010	0,522			
Did not work but looked for	005	205	070	024	750	496	724	1,321	1,196	980	788	675	1,018	1,181
work		365	873	834	1	1	9,697		10,391	9,970	9.034	9,367	11,054	11,994
Worked during year	5,898	8,344	7,969	8,538	8,131	7,536	8,087	10,778	110,381	0,910	8,034	3,307	11,004	11,004
Year-round workers 3 with 1 or 2	1	1		ì	ļ	1		ì	İ	1				
	900	963	835	770	831	863	612	591	495	430	453	601	871	733
Weeks of unemployment	. 300	000	000	1	00.		•	55.					1	1
Part-year workers with unem-	4.998	5,381	7,134	7,768	7,300	6,673	9,085	10,187	9,896	9,539	8,581	8,766	10,383	11,260
ployment	1 .	1 -			1	1,793	2,244	1,839	1,901	2,046	1,886	1,988	1,837	1,985
1 to 4 weeks	1	1,861	1,748	1,712	1,781		2,289	2,008	2,091	2,143	2,042	2,096	2,224	2,296
5 to 10 weeks	1 '-	1,388	1,764	1,744	1,690	1,595	1 -	1 '	1,338	1,366	1,361	1,403	1,499	1,667
11 to 14 weeks	1 _	700	1,094	1,089	1,006	950	1,158	1,402		1	2,007	2,028	2,776	3,057
15 to 26 weeks		980	1,590	1,931	1,729	1,530	2,141	2,879	2,508	2,424	1	1 .	2,047	2,256
27 weeks or more	. 391	454	938	1,292	1,113	804	1,258	2,062	2,059	1,561	1,286	1,252	2,047	2,250
Total with 2 or more spells of	i			1	1			0.005	0.700	0.007	0.400	0.047	3,817	4,478
unemployment	1 '	2,262	2,923	3,009	2,842	2,687	3,938	3,665	3,799	3,607	3,166	3,347		1 '
2 spelis	. 901	1,003	1,384	1,455	1,337	1,196	1,973	1,871	1,915	1,864	1,602	1,698	1,949	2,329
3 or more spells	. 1,114	1,259	1,539	1,555	1,504	1,491	1,962	1,795	1,885	1,742	1,564	1,649	1,868	2,149
141	1	1				ļ	1	1						
Women	1		}	1	1			ļ					1	1
Total who worked or looked for	ì	1	-	i		1							50.074	50 700
work,., ., .,,	37,803	38,885	39,862	40,561	41,559	43,392	44,855	45,430	47,225	48,858	50,660	52,244	, -	53,708
Percent with unemployment		12.9	15.0	16.2	15.8	15.4	18.7	20.5	19.5	18.3	18.5	18.1	17.6	19,0
Number with unemployment		5,035	5,973	6,579	6,555	6,665	8,364	9,302	9,208	8,960	8,363	8,426	9,338	10,207
Did not work but looked for	:	! '	1	1			!	1		İ	1		1	1
work		798	1,053	1,337	1,326	1,139	1,437	1,918	1,778	1,638	1,342	1,315	1,579	1,682
Worked during year	1	4,237	4,920	5,242	5,229	5,526	6,927	7,383	7,431	7,322	7,022	7,111	7,759	8,525
Worked daring your		1,20.	1,020	1 -1-	-,						1		Ì	1
Year-round workers 3 with 1 or 2	•	-	i	1	1	1	i	1			!		1	1
weeks of unemployment	! 385	433	345	339	328	346	285	267	254	232	235	254	255	437
Part-year workers with unem-		!		1	1	i			}	1	1		I	
ployment.		3,804	4,575	4,902	4,901	5,179	6,643	7,117	7,178	7,090	8,786	6,857	7,504	8,088
1 to 4 weeks		1,753	1,565		1,875	1,973	2,298	2,010	2,028	2,233	2,274	2,276	2,071	2,00€
5 to 10 weeks		791			944	1,077		1,415	1,464	1,522	1,449	1,446	1,557	1,744
	)	. 357		1	525	606	727	882	968	816	873	932	1	1,148
11 to 14 weeks		•		1,032	996	888	1,289	1,463	1,541	1,354	1,318	1,351	1,629	1,884
15 to 26 weeks					1	635		1,386	1,174	1,183	873	851	1,296	1,306
27 weeks or more		341	568	833	761	033	020	1,300	1,174	1,103	0/3	331	1,200	1 .,500
Total with 2 or more spells of						4	0.050	0.005	1 0 000	2 040	2.050	1 067	1 2 152	2,508
unemployment		1	1,402		1,511	1,556	2,053	2.025	2.039	2,040	2,059	1,967		
	630	600	: 712	766	784	851	1,143	1,167	; 1,110	1,110	1,133	1,106	1,210	1,421
2 spells	., 570 , 537				!					1			!	1



Table 46. Extent of unemployment during the year by sex, 1957-81—Continued [Numbers in thousands]

Sex and extent of unemployment	1957	1958	1959 1	1960	1961	1962	1963	1964	1965	1966 ²	1967
		F	ercent distrit	oution of ur	nemployed	persons wi	th work exp	perience du	inng the ye	ar	
TOTAL			· · · · · · · · · · · · · · · · ·								
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100.0 :	100.0	100.0
Year-round workers with 1 or 2	!		1	!		ļ	İ	į	!		
weeks unemployment	10.5	9.5	7.7	8.5 :	7.7	8.4	10.0	9.1	11.0	12.4	13.4
Part-year workers with unem-			i			! ٠٠٠	.0.0	9		,	
ployment	89.5	90.5	92.3	91.5	92.3	91.6	90.0	90 9	89.0	87.5	86.8
1 to 4 weeks	22.9	12.9	23.6	22.6	23.1	22.4	21.8	24.8	28.8	33.1	32.6
5 to 10 weeks	22.0	19.0	21.6	21.5	19.1	20.6	19.4	20 7	20.2	20.2	20.1
11 to 14 weeks	13.1	11.9	12.9	12.1	12.4	12.7	12.9	12.3	11.8	10.4	11.4
15 to 26 weeks	17.8	20.5	19.1	19.6	21.2	20.7	21.1	19.8	18.3	15.5	14.7
27 weeks or more	13.7	19.9	15.0	15.8	16.5	15.1	14.8	13.4	9.9	8.3	7.8
Total with 2 or more spells of		10.0	10.0	15.0	10.5	13.1	14.0	10.4	3.3	0.5	7.0
unemployment	41.1	41.1	39.8	36.6	37.0	39.0	37.4	38.5	36.1	33.7	32.6
2 spells	(*)	(3)	16.7	16.2	17.1	18.9	18.1	19.0	16.1	14.5	14.6
3 or more spells	(*)	(*)	22.2	20.4	19.8	20.2	19.3	19.6	19.9	19.2	18.0
Men	(/	'/		20.4	18.0	20.2	18.5	15.0	10.0	15.2	10.0
	400.0	400.0	100.0								
Total who worked during the year Year-round workers with 1 or 2	100.0	100.0	100.0	100.0	100.0	1 <b>0</b> 0.0	100.0	100.0	100.0	100.0	100.0
Part-year workers with unem-	6.4	9.7	8.6	9.0	8.7	9.2	11.5	10.3	12.9	15.1	16.0
ployment	93.6	90.3	91.4	91.0	91.3	90.8	88.5	89.7	87.1	84.9	84.0
1 to 4 weeks	21.0	16.2	19.3	19.1	18.8	18.7	18.7	21.2	24.6	28.3	27.8
5 to 10 weeks	23.4	19.1	22.2	22.0	20.7	21,2	19.8	21.6	20.2	21.1	20.9
11 to 14 weeks	14.7	12.3	13 5	13.0	13.4	13.4	13.8	13.1	12.7	11.6	12.1
15 to 26 weeks	19.7	22.0	20.5	21.0	22.3	22.0	22.1	20.3	19.6	15.9	15.6
27 weeks or more	14.8	20.7	158	16.0	16.1	15.5	14.2	13.4	10.1	8.1	7.4
Total with 2 or more spells of	1		i	ļ	1	i	i				
unemployment	45.2	43.4	41.7	39.6	39.8	42.7	40.1	42.0	40.2	37.6	35.6
2 spells	(*)	(°)	17.0	16.8	17.6	20.1	18.7	20.0	16.6	14.7	14.5
3 or more spells	(2)	(•)	24.7	22.8	22.2	22.6	21.4	22.0	23.5	22.8	21.1
Women				į				i		1	
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Year-round workers with 1 or 2		İ				İ		İ	i i	İ	
weeks of unemployment	18.5	8.8	57	7.3	5.7	7.0	7.2	6.9	7.9	8.6	9.4
Part-year workers with unem-	ļ		į	ļ		İ	1	-	į		
ployment	81.5	91.2	944	92 7	94.3	93.0	92.8	93.1	92.1	91.4	90.6
1 to 4 weeks	26.7	26.6	33.8	30.3	32.1	29.7	27.9	31.2	36.1	40.5	39.8
5 to 10 weeks	91.1	18.8	20.3	20.4	15.7	19.5	18.8	19.0	20.2	18.8	18.8
11 to 14 weeks	10.0	10.7	11.4	10.1	10.4	11.4	11.1	10.7	10.2	8.5	10.3
15 to 26 weeks	142	16.9	15.6	16.5	19.0	18 1	19.0	18.9	16.0	14.9	13.4
27 weeks or more	11.5	18.1	13.3	15.3	17.1	14.3	16.1	13.3	9.5	8.8	8.3
Total with 2 or more spells of	i	1								3.3	
unemployment	33.3	35.4	32.5	30.1	31.1	31.7	32.1	32.4	29.0	27.9	27.9
2 spells	(*)	(*)	16.0	14.9	16.1	16.5	16.9	17.2	15.3	14.1	14.7
3 or more spells.	( <del>)</del>	(4)	16.5	15.2	15.0	15.2	15.2	15.2	13.7	13.8	33.2



Table 46. Extent of unemployment during the year by sex, 1957-81--Continued

Sex and extent of unemployment	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
			Perce	int distrib	ution of u	inemploy	ed perso	ons with v	vork expe	erience d	luring the	year		
TOTAL														
Total who worked during year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1000	100 0
Year-round workers with 1 or 2								1						
weeks unemployment	12.7	13.2	9.2	8.1	6.7	9.3	5.4	4.7	4.2	3.8	4.3	5.2	4.9	5 /
Part-year workers with unem-										_	l			
ployment	87.3	86.8	90.8	91.9	91.3	90.7	94.6	95.3	95.8	96.2	95.7	94.8	95.1	94.3
1 to 4 weeks	38.0	34.2	25.7	22.9	25.7	28.9	27.4	21.2	22.1	24.8	26 0	25.9	20 B	19.5
5 to 10 weeks	19.7	20.8	21.2	19.8	19.7	20.5	22.8	18.8	19.9	21.2	21.8	21.5	20.1	19.
11 to 14 weeks	10.3	10.0	13.0	12.3	11.4	11.9	11.3	12.4	12.9	12.8	13.9	14.2	13.0	13.7
15 to 28 weeks	13.9	14.8	19.2	21.5	20.4	18.5	20.6	24.0	22.8	21.9	20.7	20 5	23.4	24.1
27 weeks or more	7.3	7.5	11.7	15.4	14.0	11.0	12.6	19.0	18.3	15.9	13.5	12.8	17.8	17.4
Total with 2 or more spells of		,												
unemployment	31.0	32.3	33.8	32.5	32.5	32.5	38.0	31.3	32.7	32.6	32.5	32.2	31.7	34.0
2 spells	14.8	15.1	18.3	16.1	15.8	15.6	18.7	18.7	18.9	17.2	17.0	17.0	16.8	18.3
3 or more spells	16.4	17.1	17.3	16.4	18.7	16.3	17.3	14.6	15.8	15.4	15.5	15.2	. 14.9	15.8
•	10.4	17.1	17.3	10.4	10.7	10.3	17.5	14.0	10.0	10.4				
Men	400.0	400.0	400.0	400.0	400.0	400.0	100.0	100.0	100.0	100.0	100.0	100.0	! : 100.0	100.0
Total who worked during the year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	. 100.0	100.
Year-round workers with 1 or 2										4.2	5.0	6.4	6.:	. <b>8</b> .
weeks of unemployment	15.3	15.2	10.5	9.0	10.3	11.5	6.3	5.5	4.7	4.3	3.0	0.4	0	, 0.
Part-year workers with unem-											25.0	00.0	000	
ployment	84.7	84.6	89.5	91.0	89.7	88.5	93.7	94.5	95.3	95.7	95.0	93.6	93.9	93.9
1 to 4 weeks	31.8	29.3	21.9	20.0	21.8	23.8	23.2	17.0	18.2	20.5	20.8	21.2	16.6	16.0
5 to 10 weeks	20.6	21.8	22.1	20.4	20.8	21.2	23.8	18.6	20.1	21.5	22.7	22.4	20.1	19
11 to 14 weeks	11.0	11.0	13.7	12.7	12.3	12.6	12.0	13.1	12.9	13.7	15.1	15.0	136	13.
15 to 28 weeks	14.8	15.4	20.0	22.6	21.3	20.3	22.0	26.7	24.1	24.3	22.2	21.6	25 1	25.
27 weeks or more	8.6	7.2	11.8	15.1	13.7	10.6	13.0	19.3	20.0	15.8	14.3	13.4	18.5	18
Total with 2 or more spells of			į		! }			-		1	1	i	į.	:
unemployment	34.2	35.7	36.7	35.2	34.9	35.6	40.B	34.0	36.6	36.2	35.0	35.7	34.5	37
2 spells	15.3	15.8	17.4	17.0	18.4	15.8	20.4	17.3	18.4	18.7	17.7	18.1	17.6	19
3 or more spells	18.9	19.8	19.3	18.2	18.5	19.8	20.3	16.6	18.2	17.5	17.3	17.6	16.9	17.9
Women													1	•
Total who worked during year	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
Vers round wardened with 1 or 2	]						-			}		1		
Year-round workers* with 1 or 2	0.0	10.2	7.0	8.5	8.3	8.3	4.1	3.7	3.5	3.2	3.4	3.6	3.3	5.
weeks of unemployment	9.2	10.2	7.0	0.5	0.5	0.5	7.1	j	1			ł	•	•
Part-year workers with unem-	20.0	000	000	02.5	00.0	93.7	95.9	96.3	96.5	96.8	96.6	96.\$	96 7	94.
ployment	90.8	89.8	93.0	93.5	93.8			E .	27.2	30.4	32.4	32.0	26.7	-
1 to 4 weeks	•	41.4	31.8	27.5	32.0	35.7	33.2	27.1		20.7	20.6	20.3	20 1	20
5 to 10 weeks	!	18.7	19.3	18.7	18.0	19.5	21.6	19.1	19.8		12.4	13.1	•	
11 to 14 weeks		8.4	11.8	11.7	10.0	11.0	10.5	11.7	13.0	11.1	1	19.0	•	22
15 to 28 weeks		13.3	18.0	19.7	19.0	18.0	18.6	19.8	20.8	18.5	18.7	7		
27 weeks or more	8.2	8.0	11.5	15.9	14.6	11.5	12.0	18.7	15.9	16.0	12.5	12.0	16.7	; 13.
Total with 2 or more spells of		1	1			1	1		1				:	00
unemployment	28.5	27.3	28.5	28.0	28.9	28.1	29.7	27.5	27.5	27.9	29.4	27.7	27 7	29
2 spells		14.2	14.5	14.8	15.0	15.4	18.8	15.9	15.0	15.2		15.6	15.6	
3 or more spells		13.1	14.0	13.5	13.9	12.8	13.1	11.6	12.5	12.7	13.2	12.1	12 1	12.

<sup>&</sup>lt;sup>1</sup> Date include Alaska and Hawaii beginning 1959 and are, therefore, not strictly comparable with earlier years. This inclusion resulted in an increase of about 50,000 in the total with unemployment in 1959.



<sup>&</sup>lt;sup>2</sup> Data for 1966 forward refer to persons 16 years and over; 14 years and over for prior years.

<sup>3</sup> Worked 50 weeks or more.

<sup>&</sup>lt;sup>4</sup> Worked less than 50 weeks. <sup>5</sup> Not available.

NOTE: Each continuous period of unemployment of at least 1 week's duration is considered one spell of unemployment. The number of weeks of unemployment during the year represents the total number of weeks accumulated in all spells of unemployment during which a person looked for work and did not work at all.

Table 47. Persons with work experience during the year by industry and class of worker in the job held the longest, 1955-81

[In thousands]

Industry and class of worker	1955	1956	1957	1958	1959	1960	. 1961	1962	1963	1964	1965	1966 1	1967	1968
All industry groups	75,353	75,852	77.664	77,117	78,182	80,618	80,287	82,057	83,227	85,124	86,186	86,266	88 179	90,230
Agriculture	9,261	8,560	6,355	8,291	7,924	7,902	7,502	1	6,796	7,051	6,348	5.021	5,184	4,936
Wage and salary workers	2,476	2,428	2,469	2,771	2,752	2,667	2,780		2.725	2,695	2.622	2.079	2,150	2.034
Self-employed workersUnpaid family workers	3,921 2,8 <b>64</b>	3,594 2,538	3,358	3,141 2,379	2,992	3,012 2,223	2,836		2,396 1,675	2,496 1,860	2,442	2,098	2,083 951	2,036
Nonagricultural industries	!	67,292		I	i	i	1		1	1	ļ		_	
Wage and salary workers		60,191	69,308 61,767	68,826	70,238 62,439	72,716		74,878 67,006	68,444	78,073	79,838 72,492	81,245 75,038	82,995 76,629	85,294 78,737
Mining	1868	1830	1795	<b>6</b> 50	684	626	673			587			560	1
Construction.	3,779	3,732	4,022	4,277	4,099	4,042	4,096	4,235	4,216	4,501	4 556	4.538	4,519	4,675
Manufacturing	18,503	19,304	19,409	17,864	18,941	18,815	18,255	19,533	20,076	20,364	21,297	22,248	22,532	22,819
Durable goods Lumber and wood	10,495	11,099	11,112	10,034	10,522	10,: 32	10,043	10,934	11,285	11,475	11,928	12,788	13,086	13,258
products	i –		i –	658	608	536	550	_	-	636	614	651	639	637
Furniture and fixtures Stone, clay, and glass	i –	!	-	394	427	383	389	458	470	: 460	528	492	454	472
products	_	-	-	505	508	596	531	576	562	632	720	710	689	720
Primary metal indus- tries	_	_		1,123	i i 1,294	1,260	1,098	1,168	1 208			1 400	1 220	. 4.400
Fabricated metal prod-	_	-	_	1,125	1,254	1,200	1,096	1,100	1,308	1,334	1,385	1,409	1,329	1,403
ucts		i -	<u> </u>	1,195	1,185	1,189	1,409	-	1,635	1,533	1,455	1.648	1,751	1,768
Machinery		=	_	1,575 1,278	1,661 1,509	1,765 1,524	1,719 1,588	1,840 1,814	1,775	1,973 1,670	; 2,014 ; 1,917	2,223	2,358 2,261	2,352 2,197
Transportation equip-	! !	!	} 	İ	; [		1	1				:		
ment Automobiles	_	: 	_	2,364	2,424 1,050	1 2,303	1,759	1,960	2,077	2,139	2,280	: 2,412 : 1,133	2,482 1,070	2,647 1,186
Other transportation		!	i ,	1,000	1,030	1,010	001	: 520	945	. 1,005	1,005	, 1,133	1,070	1,100
equipment Other durable goods		_	_	1,331	1,374	1,284	878	1,032	1,128		1,195	1,279	1,412	1,461
Nondurable goods	8,008	8,205	8,297	942 7,830	908 8,419	976 8,283	1,000	1,017	1,046 8,791	1,098	1,015 9,369	1,101 9,460	1,123 9,446	1,062 9,561
Food and kindred prod-	i .		}			ļ	į	I	!				•	
ucts Textile mill products		!	_	1,697 1,088	1,892 1,135	1,909 1,064	2,028	2,133	2,117	2,093	2,134	: 2,122 : 1,158	2,162 1,165	2,134
Apparel and related		i		1,000	,.55	1,004	. 311	1 000	:	1,103	i 1,103	1,130	1,103	, 2,224
products	_	-	_	1,288	1,414	1,378	1,327	1.487		1,558	1,625	1,639	1,517	1,523
Chemicals and allied		-	<u></u>	1,238	1,256	1,307	1,289	1,332	1,387	1,258	1,458	. 1.318	1,226	1,236
products		-		964	964	882	984	949	1,004	1,063	1,014	1,213	1,223	1,201
Other nondurable goods				1,555	1,758	1,743	1,673	1.739	1,735	1 808	1,969	2,010	2,153	2,243
Transportation and public			I .	· · · · · · · · · · · · · · · · · · ·	, ,		, ., I	1		,	1	, <u>-,</u>	, -, -	
utilities	4,896	4,874	4,887	4,657	4,865	4,768	4,518	4.711	4,916	4,843	4,856	4,993	5.327	5,312
Railroads and railway ex-									1				į	1
press service Other transportation		_	-	1,118 1,692	1,042 1,788	975 1,764	925	932	910	896 1,916	1,894	849 1,914	2,193	700
Communications	_	_	-	844	919	944	912	860	922	913	1,016	1,101	1,136	1,205
Other public utilities		! - !	_	1,003	1,116	1,084	1,091	1,109	1.164	1,118	1,134	1,129	1,187	1,167
Wholesale and retail trade	12,351	12,251	12,407	1	12,525	13,040	13,033			14,012	14,293	15 027	15,307	15,319
Wholesale trade				2,381 10,257	2,394	2,482	2,458	2,337		2,388	2,586 11,707	2.551		2,623
						1					. 11,707	12,470	, 12,635	1 2 1,090
Finance and services Finance, insurance, and	15,387	16,091	16,929	17,648	17,912	19,586	20,233	20,508	21,266	21,988	22,893	23,242	23,875	25,076
real estate		; -		2,568	2,797	3,171	3,081	. 3.052	3,264	3,331	3,476	3,606	3,605	3,687
Business and repair serverices	_	· !	_	1,359	1,390	1,468	1,471	1,646	1,647	1,667	; 1,746	1,783	1,944	2,057
Private households	3,222	3,064	3,370	3,507	3,522		3,964	3,916	3,772		, 3,847	2,949	2.756	2,755
Personal services, ex cluding private house.		· .					i f		i		ı .			
holds		:		1,913	1,794	2,058	2,145	1,895	2,018	2,173	2,146	2.093	2,226	2,281
Entertainment and recre- ation services			;	700	704		!				•			
Medical and other health		: :		792		759	852	795	848	768	807	875	932	915
Services	_	<b>-</b> ;	<b>-</b> i	2,445	2.686	2,878	2,915	3.092	3,287	3,393	3,608	3,958	3,985	4,517
Welfare and religious services		. <u> </u>		717	609	729	736	783	790 ;	825	754	814	806	. 915
Educational services		:	- ;	3,432	3,443			4,325		4,808	5,318		6,349	6,656
Other professional server	_ :	;	-	797	865	964	861	883	969 -	1,058	1,077	1,112	1,172	1,210
Forestry and fisheries	!	· — !	i	118	105	85	107		115	116	114		100	83
Public administration: Self employed workers		3,109	3,318	3,343	3,413 :	3,671	-		4,043	4.036	-	4,388	4,509	4.988
Unpaid family workers	6,289 9 <del>6</del> 4	6,192 909	6 87 954	6,672 1,077	6,748 1,051	6,97 t 1,196	7.170 1.081	6.782 1,090	6,790 1,197	6,614 1,128	6,640	5,590 61 <i>7</i>	5.333 1,033	5 53 <b>3</b> 1,024
See footnote at end of table				•				,	.,	.,				-,



Table 47. Persons with work experience during the year by industry and class of worker in the job held the longest, 1955-81—Continued

[In thousands]

Industry and class of worker	1969	1970	1971	1972	1973	1974	1975	197€	1977	1978	1979	1980	1961
Nonagricultural indus- tries—Continued	<u> </u>												
All industry groups	92,477	93,850	95,481	97 654	101,112	102,608	102,603	105,809	108,914	112,335	114,993	115,752	116,794
Agriculture		4,774	4,883	4,743	4,753	4,251	4,188	4,319	4,206	3,806	3,923	3,792	3,915
Wage and salary workers		1,907		1,955	1,994	1,951	2,078	2,112	2,083	1,372	1,978 1,617	1,923	2,054 1,551
Self-employed workers Unpaid family workers		2,028	2,019 863	2,112	2,037 723	1,792 508	1,634	1,652 555	1,559	414	328	J6 <b>5</b>	310
Nonagricultural industries		89.076	1	92.911	; ; 96,359	98,357	98,415	101.490	104,707	108,529	111,070	; ; 111.959	:   112.880
Wage and salary workers						92,069	92,016	94,511	97,329	101,165	103,402	104,419	104,902
Mining		:	623	722		759	768	771	831	932	897	1,054	1,206
Construction	4,949	4,985	5,472	5,325	5,759	5,632	5,253	5,419	5,669	6,117	6,376	6,114	6,107
Manufacturing		22,580		22,501	23,270	23,514	22,334	22,879	23,142	24,379	24,583	24,359	23,788
Durable goods	13,955	13,130	12,523	12,923	13,495	13,805	13,172	13,097	13,482	14,634	14,709	14,566	14,081
Lumber and wood products	635	656	715	674	721	787	740	689	746	789	738	679	740
Furniture and fixtures		532	496	593	591	614	561	612	608	694	604	607	542
Stone, clay, and glass		!		! ===			1 740		704	7.7	740	. 706	057
products Primary metal Indus-	758	746	717	708	704	766	713	894	701	747	740	726	657
tries	1,483	1,369	1,395	1,463	1,469	1,475	1,477	1,454	1,320	1,292	1,435	1,279	1,158
Fabricated metal prod-												l 	4.70
ucts		1,514	1,435	1,558 2,208	1,649 2,354	1,682 2,492	1,602	1,490	1,557	1,626 2,823	1,649 2,964	1,651 3,129	1,704 3,01
Machinery Electrical equipment		2,381	2,145	2,208	2,354	2,492	2,513	2,408	2,323	2,555	2,617	2,663	2,618
Transportation equip-		İ				!					İ		
ment		2,427	2,179	2,194	2,256	2,243	2,054	2,221	2,250	2,580	2,447	2,311 1,213	2,2 <b>2</b> 8
Automobiles Other transportation	1,206	1,111	1,074	1,095	1,134	1,123	991	1,119	1,189	1,403	1,314	1,213	1,078
equipment	1,460	1,316	1,105	1,099	1,122	1,120	1,062	1,091	1,061	1,177	1,133	1,098	1,149
Other durable goods	1,084	1,230	1,339	1,328	1,374	1,469	1,343	1,380	1,435	1,531	1,518	1,520	1,423
Nondurable goods	9,685	9,450	9,510	9,577	9,774	9,709	9,164	9,783	9,660	9,745	9,854	9,794	9,70
Food and kindred prod- ucts	2,130	1,921	2,186	2,202	2,085	2,161	1,982	2,126	2,064	2,076	2,081	2,095	2,069
Textile mill products	•	1,040	1,073	1,071	1,148		996	1,158	1,012	894	854	824	83
Apparel and related					1.000	1	4.570	4.554	4.600	1.505	1 5 1 2	1,492	1,464
products Printing and publishing	; 1,585 .  1,246	1,675 1,372	1,633	1,552	1,663 1,346	1,648	1,573	1,554 1,440	1,638	1,595 1,609	1,513 1,665	1,726	1,814
Chemicals and allied	1,240	1,372	1,000	1,001	! 1,540	1,1400	1,001	1,140	1,10			',	
products	2,294	1,283	1,178	1,169	1,251	1,325	1,252	1,327	1,267	1,331	1,421	1,449	1,28
Other nondurable	2,297	2,180	2,107	2,194	2,283	2,202	2,030	2,179	2,194	2,242	2,321	2,206	2,24
goods	. 2,281	1 2,160	1 2,107	1 2,184	, 2,203	1 2,202	, 2,000	1 2,170	1 2,104	1	1 2,021	2,200	-,-
Transportation and public	5,402	5,651	5,832	5,614	5,925	5,878	6,011	5,973	6,282	6,429	6,619	6,744	6,70
utilities	5,402	5,051	5,632	5,014	3,823	3,070	0,011	3,373	0,202	0,420	0,0.0	0,	5,15
press service	712	758	714	595	618	651	633	637	596	606	641	573	518
Other transportation		2,313	2,555	2,489	2,655	2,718	2,746	2,736	2,976	3,031	3,096 1,454	3,151 1,531	3,112 1,630
Other public utilities	1 '	1,360	1,292 1,270	1	1,366 1,289	1,300	1,264 1,367	1,249 1,352	1,312	1,417	1,429	1,490	1,44
Wholesale and retail trade				:	19,104	19,871	20.092	20,793	21,407	21,952	22,377	22,441	23,12
Wholesale trade	1 -	3,060	3,066	3,453	3,342		3,539	3,688	3,761	3,761	3,912	4 084	4,590
Retail trade	1	, .			15,762		18,553	17,105	17,646	18,190	18,465	18,537	18,53
Finance and service	25,952	27,134	27,907	28,822	30,023	31,170	31,918	33,081	34,241	35,560	36,512	37,500	38,06
Finance, insurance, and	1 4044	1 4450	!	4.500	1 050		4.040	5.04.0	5 000	5 740	5 000	6 100	6 22
real estate	4,044	4,158	4,377	4,522	4,853	4,961	4,819	5,012	5,332	5,743	5,890	6,188	! 6,23€ :
ICOS	2,192	2,234	2,368	2,610	2,703	2,754	2,733	3,069	3,278	3.490	3,603	3,953	4,110
Private households	2,572	2,493	2,356		2,064	1,896	1,891	1,862	1,823	1,736	1,463	1,614	1,701
Personal services, ex- cluding private house-									•			•	ı
holds	2,254	2,200	2,069	2,076	2,135	. 2,193	2,130	2,182	2,255	2,278	2,219	2,300	2,25
Entertainment and recre-					•	•	•	:	•		·		
ation services	885	948	895	1,015	1.090	1,082	1,205	1,235	1,299	1,264	1,254	1,377	1,330
Medical and other health services	4,701	5.001	5,328	5,587	6,026	6,383	6,689	6,775	7,112	7,319	7,998	8,204	8,37
Welfare and religious	.,. • 1	5,501	5,520	2,307		-,500	-1000						
services	909	1,126	1,129		1,285	1,376	1.479	1,603	1,688			1,909	1,81
Educational services Other professional serv-	7.042	7,414	7,675	8,015	8,100	8,623	8,833	9,010	9,032	9,220	9,649	9,245	; 9,27°
ices	1,228	1,441	1,617	1,595	1,664	1,805	2,025	2,153	2,260	2,401	2,384	2,562	2,77
Forestry and fisheries	125	•	-		-	=	1		162	196	163	148	18
Public administration	5.022	4,794	4,729	4,971	5,022	5.246	5,639	5,595	5,755	5,797	6.057	6,206	5,91
Self-employed workers	5.454	5.577	5,577		5,661	5.660	5,795	6.077	6,496	6,603	7,068	7,009	7,37
Unpaid family workers	979	944	945	885	909	628	605	902	880	761	599	532	59

Data for 1966 forward refer to persons 16 years and over, 14 years and over for prior years



Table 48. Percent of persons with work experience during the year who worked year round at full-time jobs by industry and class of worker in the job held the longest, 1950-81

industry and class of worker	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
All industry groups	55.7	57.4	57.4	58.9	55.6	56.6	56.4	55.1	53.6	53.6	53.7	53.6	53.7	54.8	55.0	56.1
Agriculture	47.0	45.7	45.3	45.2	45.4	46.6	43.4	41.5	39.4	39.6	36.9	40.9	37.9	37.8	37.7	40.4
Wage and salary workers	32.3	29.5	26.1	34.9	28.3	31.5	25.5	23.0	20.9	21.9	22.9	23.8	21.2	22.5	22.0	23.0
Self-employed workers	75.9	76.4	75.5	74.9	77.2	61.5	77.3	77.1	74.9	74.6	71.1	74.6	72.5	72.7	73.6	72.4
Unpaid family workers	13.4	12.7	10.9	7.3	10.6	12.0	12.6	12.3	14.3	13.7	14.4	15.3	13.5	11.6	12.3	15.1
Nonagricultural industries	57.1	59.2	59.1	60.7	57.3	58.0	58.0	56.6	55.3	55.4	55.3	54.9	55.2	56.1	56.6	57.4
Wage and salary workers		58.5	58.4	59.9	55.9	57.1	57.3	56.1	54.6	54.7	54.6	54.6	54.9	55.6	56.3	57.2
Mining Construction	39.9	61.6 47.8	51.0 47.7	55.9 46.6	46.7 41.6	57.5 48.3	63.4 47.8	64.7 45.7	53.2 40.6	58.7 43.6	65.2 41.6	64.6 41.5	67.6 43.2	68.2 45.6	67.5 46.8	<sup>]</sup> <b>68</b> .6   51.5
							•	1						ŀ	ļ	!
Manufacturing  Durable goods	61.9 64.7	63.6	63.3	67.5	61.9	84.5	64.0	63.3	62.3	62.5	64.3	63.7	64.6	67.1	67.7	69.2
Lumber and wood products	04.7	68.5	66.9	70.2	66.5	67.7	65.6	66.4	62.4	62.9	66.0	65.9	67.6	70.7	70.7	72.4
Furniture and fixtures	_		=	-	_	_	-	-	49.5	55.3	48.3	46.9	50.3	50.1	52.6	52.9
Gione, clay, and glass products		[	-	-	-	_	-	<b>–</b>	52.8	85.0	58.7	63.5	64.6	65.7	67.0	70.6
Primary metal industries	_	_	=	_	_	_	_	_	63.4 65.4	66.0	63.4	64.0	62.0	72.4	72.9	72.6
Fabricated metal products		-		-		_		_	1	47.6	63.5	67.6	69.1	73.9	80.1	77.3
Machinery		_		-	_	_	. –	_	69.3	68.4	71.6	68.6	71.0	71.1	70.4	72.5
Electrical equipment		=	į	<b>—</b>	_	_	-	_	66.5	72.4	73.0	73.7	73.3	76.3	76.7	77.9
Transportation equipment	_	_	_	_	_	_	-	-	68.2	69.1	69.6	71.3	70.1	70.5	73.5	70.7
Automobiles	_	-		-	_	_	_	_	58.6	61.5	65.4	61.0	70.1	75.2	67.7	72.3
Other transportation equip-		_		_	_	_		_	39.0	44.9	54.6	52.3	67.6	70.6	58.1	69.6
ment	_		_	_	_	_		_	73.9	74.2	74.0	69.7	72.2	76.6	76.3	74.6
Other durable goods	_	_	l _	_		_	_		57.9	56.2	59.6	58.8	55.7	61.9	60.7	70.3
Nondurable goods		56.1	59.2	64.0	55.9	60.4	61.6	59.2	62.0	62.0	62.1	61.1	61.3	62.4	63.6	65.0
Food and kindred products	-	_	_			-	- O1.0	J8.2	60.5	61.0	61.4	58.4	61.3	63.2	64.0	64.9
Textile mill products		_		_	_	_		_	58.4	63.2	62.5	59.2	59.0	64.2	65.7	69.4
Apparel and related products		_	<b>!</b> _ !		_			_	43.9	44.5	38.6	44.6	44.0	45.4	47.1	50.2
Printing and publishing	_	l _	_	_	_		_	_	59.5	57.7	60.1	54.5	51.4	52.2	54.3	55.0
Chemicals and allied products	_	_		_	_	_		_	79.1	74.6	62.2	79.4	77.1	78.6	79.3	78.5
Other nondurable goods	-	_	-	_	_	_	_	_	72.8	72.4	72.6	72.7	76.3	74.6	74.3	75.4
Transportation and public utilities Flailroads and railway express	73.6	73.9	74.8	74.4	71.2	71.8	74.3	72.2	72.0	71.4	71.7	73.2	72.2	72.8	75.4	75.8
service		_	_	_	- 1	_	_	<b>—</b> ,	75.1	74.1	73.5	77.0	73.3	77.3	76.6	82.5
Other transportation	_	_	_	-	- 1	-	_		60.0	64.1	62.8	62.6	63.4	64.1	66.6	65.9
Communications	-	_	_	_	-	_	_	-	77.1	71.1	74.5	76.1	77.7	73.6	76.0	78.0
Other public utilities		_	-	-	-	-	-	-	84.5	80.6	61.9	62.5	61.4	62.7	85.3	85.4
Wholesale and retail trade	52.6	53.7	53.2	53.6	51.1	50.1	50.0	49.5	49.2	46.3	47.0	48.4	47.5	46.5	46.6	47.6
Wholesale trade	<b>→</b>			<b>-</b>	-	-		— i	66.6	64.1	66.2	70.1	67.1	68.1	70.8	72.3
Retail trade	-	_	_	-	-	-		]	45.2	44.5	42.5	43.3	43.4	42.2	41.6	42.4
Finance, and services	46.9	47.9	48.8	46.5	46.7	47.5	47.4	46.0	44.7	44.5	45.3	44.2	43.9	44.3	44.5	45.2
Finance, insurance, and real																
estate	_	-	_	- 1	-	-	-	-	67.6	68.6	66.1	66.0	67.3	68.6	66.2	69.7
Business and repair services		_	_						59.4	55.3	53.7	53.6	55.8	53.7	53.7	54.6
Private households	-	- 1	_	23.6	23.0	20.7	21.6	17.4	17.5	16.6	17.5	16.6	15.4	13.6 j	i 3.5	14.9
Personal services, excluding pri-				ļ												
vate households	_	_	_	- 1	-	- 1	<b>-</b>	-	43.3	41.8	43.6	42.7	41.2	<b>41.8</b> j	37.4	43.8
ices				}				1	00.0	20.0	20.4	200	200	200	04.0	05.0
Medical, other health services		_		_			— į		26.3 53.4	30.9	29.1	26.6	26.8	26.6	24.8	25.3
Welfare and religious services						_	_	_	54.1	55.1 48.6	55.1 55.0	53.9	55.1 56.4	54.2 51.8	55.5 53.1	54.9 51.7
Educational services		_ [					_		42.5	40.5		59.5	40.3	41.6	43.2	41.9
Other professional services	_	_	_		!			_	59.6	58.5	43.0 59.1	42.4 60.7	56.9	58.6	61.2	57.4
Forestry and fisheries	_	_		_	_ [ ]	_ [	_	_ [	98.0	41.9	(1)	29.0	45.5	32.2	44.0	33.3
Public administration	75.6	78.0	80.2	80.4	76.5	70.0	76.2	77.0	78.5		_	77.6			[	
	- 1				1	79.0	l	77.6	ŀ	77.7	75.0	1	78.3	76.6	79.6	77.6
Self-employed workers		69.2 21.2	68.9 22.5	71.6 26.0	71.6 37.3	70.7 27.6	70.1 27.3	67.2 25.8	66.9 24.3	66.4 24.0	65.4 23.6	61.9 25.1	63.1 25.8	65.1 23.6	85.0 27.0	62.0 30.2
See footnotes at end of table.														·		

Table 48. Percent of persons with work experience during the year who worked year round at full-time jobs by industry and class of worker in the job held the longest, 1950-81—Continued

Industry and class of worker	1966 ²	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1976	1979	1960	196
All industry groups	56.0	56.6	57.9	57.1	55.6	56.1	57.1	57.1	54.4	54.4	54.3	54.9	56.4	56.3	56.1	55.9
Agriculture	47.4	; . 46.4	46.1	45.6	43.9	43.7	46.6	46.6	47.3	46.4	46.1	46.2	49.6	49.3	50.6	46.
Agriculture		30.0	26.4	29.6	27.9	30.2	33.2	32.9	29.5	29.4	32.0	30.9	33.7	34.6		33.0
Poli ampleyed workers	75.0	75.6	75.3	70.2	69.7	67.6	70.9	69.6	71.6	73.1	70.6	72.4	73.5	71.0	74.4	72.
Self-employed workers	75.3 16.7	16.9	16.8	21.1	17.5	16.9	22.5	20.0	26.1	26.0	25.2	28.6	31.4	29.5	34.0	
·	•	ļ		į	į		57.5	57.6	54.7	E47	54.6	55.3	56.6	56.5	56.3	' 56.2
Nonagricultural Industries Wage and salary workers		59.4 59.5	56.6 56.7	57.7 57.8	56.2 56.2	56.6 56.6	57.6	57.6	54.6	54.7 54.7	54.6	55.5	56.7	56.6	56.4	56.4
Mining		70.5	70.6	65.4	69.3	61.2	70.9	72.6	61.1	65.7	<b>66</b> .9	58.6	57.6	67.6	68.6	62.9
Construction	53.9	55.6	55.2	54.1	50.9	50.2	52.6	51.1	47.0	43.5	44.4	46.6	47.6	49.0	47.4	46.3
Manufacturing		69.7	69.5	68.2	65.6	67.0	67.5	68.9	64.7	63.7	65.6	67.7	68.6	68.5	66.9	66.6
Durable goods	72.4	71.6	72.3	70.6	67.5	69.9	69.5	71.5	67.5	66.3	69.2	70.7	71.2	71.2	66.6	69.
Lumber and wood products	. 59.6	55.7	61.5	57.2	53.2	59.2	58.2	57.6	53.0	50.5	54.0	57.1	55.3	57.1	57.0	48.
Furniture and fixtures	70.5	66.5	69.7	71.5	61.6	66.7	55.0	65.5	63.9	55.2	57.5	61.4	61.5	67.9	56.7	58.
Stone, clay, and glass prod-		-00	74.0			20.4	07.0	-0-	200	00.5	70.4	60.5		60.0	05.0	QE.
ucts		72.0	71.2	74.4	71.1	68.1	67.3	70.5	66.0	69.5	70.4	68.5	66.6	69.2	65.2	65.
Primary metal industries		77.8	71.6	75.3	74.4	70.6	75.2	76.4	75.4	67.6	74.2	75.4	79.0	75.7	69.5	70.
Fabricated metal products		72.9	71.9	70.5	64.9	66.9	66.0	70.9	65.7	64.6	66.7	67.0	70.7	70.3	68.1	69.
Machinery		75.6	76.2	74.7	71.9	72.1	73.5	74.9	/2.6	71.9	75.7	75.7	75.9	75.4	73.6	73.
Electrical equipment	1 _	69.6	72.7	67.6	68.5	71.6	70.3	72.0	68.7	68.6	69.7	71.9	72.6	71.9	696	73.
Transportation equipment		72.0	75.2	70.6	64.4	73.5	73.7	74.1	65.4	66.5	69.0	72.7	73.2	71.2	67.9	68.
AutomobilesOther transportation equip-	68.8	64.5	71.7	65.2	52.6	73.7	76.0	75.3	62.1	61.7	70.4	76.4	74.0	67.9	57.7	61.
ment	76.9	77.6	76.1	75.1	74.4	73.4	71.4	72.6	68.7	71.0	67.6	68.6	72.3	75.1	79 2	74.
Other durable goods		66.4	65.3	65.4	66.6	68.0	66.1	63.9	63.7	63.7	66.6	67.6	65.4	67.3	71.0	69.
Nondurable goods		66.8	65.6	64.7	62.6	63.3	64.8	65.4	60.6	59.9	61.3	63.5	64.7	64.5	64.1	63.
Food and kindred products		64.6	63.4	62.4	59.4	59.2	65.0	63.2	59.4	61.3	60.6	61.4	61.1	61.9	62.3	63.
Textile mill products	1	66.3	66.4	66.6	63.7	63.4	64.3	65.2	54.7	48.0	57.4	64.6	64.9	63.4	59.2	60.
Apparel and related products		52.9	55.4	51.3	46.5	46.5	51.2	49.0	44.9	42.1	47.6	48.0	51.6	49.0	52.6	46.
Printing and Publishing	1	66.9	62.1	62.4	63.1	62.6	63.0	66.4	61.4	59.3	56.9	59.0	61.5	60.9	62.0	59.
Chemicals and allied products.	1	79.9	76.9	78.7	79.2	80.1	76.9	61.5	75.1	77.6	79.4	80.0	64.9	60.4	76.9	80.
Other nondurable goods		71.8	70.0	68.7	66.6	69.9	67.9	69.9	58.7	67.6	65.7	70.0	67.4	70.0	68.7	66.
Transportation and public utilities Railroads and railway express		75.5	73.2	72.2	71.5	71.4	72.7	73.0	71.1	71.6	70.7	70.0	72.3	70.4	71.2	72.
service		80.6	60.9	80.3	76.6	75.3	60.9	76.6	79.3	80.5	76.3	80.0	76.7	76.6	76.6	75.
Other transportation	:	69.1	68.7	66.0	62.5	63.7	64.3	65.8	60.0	60.9	58.6	58.9	62.6	59.0	593	, 61.
Communications		74.5	67.4	72.0	72.2	73.6	75.9	77.9	61.4	61.2	62.6	81.8	61.5	62.3	83.6	84.
Other public utilities	. 85.1	64.6	63.5	79.3	83.5	82.4	62.1	80.1	80.6	80.1	80.7	76.0	81.3	60.2	61.3	81.
Wholesale and retail trade	47.1	47.9	47.5	45.2	43.6	44.7	45.1	44.4	42.5	43.3	43.2	43.2	43.9	43.8	44.1	43.
Wholesale trade	. 70.6	70.5	70.9	69.9	68.3	68.9	71.4	70.4	67.9	69.3	67.2	69.7	70.8	70.6	71.2	¦ 70.
Petail trade	42.3	43.1	42.6	40.3	38.3	39.5	36.9	38.9	37.0	37.8	36.0	37.6	38 4	38.1	38.0	37.
Finance, and servicesFinance, insurance, and real	1	50.9	49.4	50.0	50.3	51.1	52.4	52.2	49.6	50.7	49.8	50.7	52.3	49.4	49.6	50.
estate		70.0	67.7	66.6	67.7	66.1	68.0	64.6	65.9	68.3	66.1	66.4	66.3	66.9	69.0	68.
Business and repair services	1	57.6	57.7	54.6	50.5	53.1	50.1	51.9	48.6	50.2	49.0	49.5	49.5	52.3	51.6	52.
Private households	•	17.7	18.6	15.2	15.3	15.3	17.6	17.6	11.6	12.9	10.4	11.6	11.9	13.0	12.6	13.
Personal services, excluding pn-	•		10.0		1	10.0								i	i	ŀ
vate households	1	43.6	41.6	41.0	38.8	38.6	36.3	36.3	35.1	36.6	34.3	38.4	39.7	38.1	38.9	41.
Entertainment and reaction	i	į	į	1	i					1					i .	ļ
services	1	31.2	28.5	30.2	27.3	25.2	26.6	27.4	25.0	25.1	25.1	26.9	26.4	27.8	27 3	
Medical, other health services		56.5	52.6	511	52.5	54.6	57.0	56.3	53.6	54.6	55.0	55.9	56.0	56.5	570	58.
Welfare and religious services		52.2	52.2	54.2	56.3	56.9	55.6	58.3	52.1	53 9		52.7	56	55.2	52.6	50.
Educational services	1	52.1	1	54.0	54.0	54.6	55.4	55.3	51.3	51.3	49.7	49.6	51.3		50.7	50.
Other professional services		61.4	, 00.0	61.5	61.8	56.6	59.4	60.3	58.5	57.1	59.5	59.7	62 6	62.7	62.1	62.
Forestry and fisheries	53 0	; 52.0	50.6	41.6	41.5	52.7	36.0	46.5	44.7	43.4	44.6	43.0	38 5	39 4	34.2	50
Public administration	76 3	76.7	76 7	76.1	744	76.7	76.0	74.5	72.2	73.0	73.7	72.7	į.	72.8		. 74
Calf amployed workers	. 64.3	65.0	64 6	62 0	61.6	610	60.8	€1.1	57.9	56.3	55 6		579	<b>5</b> 7 8	5 <b>5.6</b>	54
Self-employed workers		: 25.7							43.4	39 1		26 3	29 0	32 6	33 7	31



<sup>&</sup>lt;sup>1</sup> Percent not shown where base is less than 100,000. <sup>4</sup> Data for 1966 forward refer to persons 16 years and over. 14 years and over for prior years

Table 49. Persons with two or more jobs by industry and class of worker of primary and secondary job, May, $^1$  selected years, 1956–80  $^2$ 

	Total		Agric	ulture		No	negricultu	ral industr	ies
Status of job and year	with two or more jobs	Total	Wage and salary work- ers	Self- em- ployed work- ers	Unpeld family work- ers	Total	Wage and salary work- ers	Self- em- ployed work- ers	Unpai family work- ers
			<del></del>	Number er	nployed (t	housands	)		
PRIMARY JOB									
56	3,853	866	295	402	169	2,787	2,569	200	1
57	3,570	858	285	385	188	2,712	2,447	237	2
58	3,099	629	264	264	101	2,470	2,257	198	1
59	2,966	321	104	199	18	2,645	2,451	182	1
60	3,012	332	97	208	27	2,680	2,489	184	
<del>/6</del> 2	3,342	364	102	210	52	2,978	2.764	194	2
63	3,921	386	146	195	45	3,535	3,361	169	-
64	3,726	405	139	230	36	3,321	3,135	175	1
965	3,756	416	133	218	65	3,340	3,131	200	
66	3,636	335	88	200	47	3,301	3,110	177	1
691	4,008	273	75	167	31	3,735	3,568	162	•
70	4,048	278	89	154	33	2,772	3,570	194	
1	4,035	217	65	129	23	3.818	3,570	167	1
72	3,770	221	54	134	33	3,549	3,348	191	1
3	4,262	223	81	123	19	4,039	3,863	158	1
4	3,889	218	84	107	27	3,671	3,486	180	·
				40-					
5	3,918	253	83	135	35	3,665	3,422	225	1
§	3,948	199	64	113	22	3,749	3,541	204	
7		225	66	129	30	4,333	4,084	233	1
8	4,493	204	70	106	28	4,289	4,066	202	2
/9 10	4,724 4,759	203 180	78 67	108 94	16 20	4,521 4,578	4,307 4,328	206 236	1
				Percent	of total er			<u>i</u> .	l
56	5.5	11,2	12.4	10.9	9.4	4.7	4.9	3.3	2
57	5.3	11.0	13.4 12.1	10.5	10.0	4.8	4.7	3.7	3
58	4.8	9.3	13.2	8.1	6.9	4.2	4.4	3.1	2
9	4.5	8.7	7.7	7.2	2.5	4.3	4.8	2.8	2
		J.,		/ ·•		7.0			
<u>0</u>	4.8	8.7	6.7	7.6	3.6	4.4	4.8	2.8	1
2	4.9	8.7	8.2	7.5	5.2	4.7	5.0	3.0	2
3	5.7	7.5	8.8	7.5	4.8	5.5	5.9	2.7	
	5.2	8.1	8.8	9.3	3.7	5.0	5.3	2.7	1
5	5.2	8.1	8.4	8.8	6.5	5.0	5.2	3.0	1
6	4.9	7.8	6.5	8.9	6.8	4.8	5.0	2.8	2
93	5.2	7.0	5.8	8.5	4.8	5.1	5.3	3.1	
o	5.2	7.4	7.4	8.0	5.5	5.1	5.2	3.7	1
1		8.0	5.2	7.1	4.2	5.1	5.3	3.1	1
2	4.6	8.3	4.5	7.6	5.9	4.6	4.7	3.5	1
3	5.1	8.4	6.5	8.9	4.3	5.0	5.2	2.8	3
4		6.0	6.2	6.0	5.8	4.5	4.6	3.1	1
5	4.7	7.0	6.4	7.8	8.5	4.6	4.8	3.9	3
В	4.5	5.8	4.9	6.7	5.2	4.5	4.8	3.4	1
7	5.0	6.1	4.8	7.1	6.0	5.0	5.1	3.7	2
						-			3
	_ <b>4 Ω</b> i	80	40	34 8-					
8	4.8 4.9	6.0 6.1	4.9 5.4	8.5 7.1	8. <b>6</b> 5.0	4.7 4.9	4. <del>9</del> 5.0	3.1 3.0	1

Table 49. Persons with two or more jobs by industry and class of worker of primary and secondary job, May, selected years, 1956-80 2—Continued

			Agric	ulture		No	nagricultu	ral industr	ies
Status of job and year	Total with two or more jobs	Total	Wage and salary work- ers	Seif- em- ployed work- ers	Unpaid family work- ers	Total	Wage and salary work- ers	Self- em- ployed work- ers	Unpak family work- ers
			(	Number er	mployed (t	housands)	)		
SECONDARY JOB									
956	3,653	1,111	485	626	_	2,542	2,202	340	i –
957	1 .	1.035	506	529	_	2,535	2,187	348	-
958		850	362	488	_	2,249	1,905	344	_
959		649	130	519	_	2,317	1,907	410	-
960	3,012	587	135	452	_	2,425	2,025	400	-
962	3,342	645	176	469	_	2,697	2,176	521	i -
963	3,921	825	188	637	-	3,096	2,481	615	-
<b>264</b>	3,726	801	185	616	-	2,925	2,367	558	-
965		786	167	619	<b>-</b>	2,970	2,389	581	-
966	3,636	721	139	582	-	2,915	2,335	580	-
969'	4,008	723	121	602	_	3,285	2,698	587	-
970		738	122	616	_	3,310	2,748	562	-
971		700	96	604	i –	3,335	2,607	728	-
972		670	108	562	-	3,100	2,424	676	-
973	4,262	833	115	718	-	3,429	2,731	698	-
974	3,889	697	106	591	-	3,192	2,500	692	-
975	•	705	133	572	-	3,213	2,549	664	-
976		674	100	574	_	3,273	2,535	738	-
977		755	111	644	_	3,803	2,923	880	-
978	4,493	752	118	634	_	3,741	2,878	863	-
979	4,724	752	145	580	_	3,999	3,993	1,006	-
980	4.759	723	173	549	_	4,036	3,024	1,012	-

<sup>&</sup>lt;sup>1</sup> Data for the years 1956-58 and 1959-60 were collected in July and December respectively.

\*\*Surveys on dual jobholders were not conducted in 1961, 1967, and

trois, data on dual jobholders were not adjusted back to 1970. 1980 is the last year for which these data are available.

NOTE: Persons whose only extra job is as an unpaid family worker are not counted as dual jobholders.



<sup>1968.

\*</sup> Cata for 1969 forward refer to persons 16 years and over; 14 years and over for prior years. Due to the absence of 1960 census population con-

Table 50. Employment status of the population by marital status and sex, March, 1947-82

			М					_	Wor			
				Labor force	1			<b> </b>		Labor force	<b></b>	
Marital status and year	Popule	То	tal		Unem	ployed	Popule	То	tai		Unem	ployed
•	Popula- tion <sup>a</sup>	*lumber	Percent of popula- tion	Em- ployed	Number	Percent of labor force	Popula- tion <sup>2</sup>	Number	Percent of popula- tion	Em- ployed	Number	Percent of labor force
SINGLE												
947	14,760	9,375	83.5	8,500	849	9.1	12,078	8,181	51.2	5,991	190	3.
948	14,734	9,440	64.1	8,899	(*)	_	11,823	5,943	51.1	5,897	248	4.
949	13,952	8,957	64.2	8,048	863	9.8	11,174	5,682	50.9	5,395	287	5.
950	14,212	8,898	82.6	7,638	1,188	13.4	11,126	5,821	50.5	5,272	349	8.
951	12,984	8,038	81.9	7,550	427	5.3	10,946	5,430	49.8	5,228	202	3.
952		7,836	60.9	7,254	444	5.7	11,068	5,532	50.0	5,360	168	3.0
953		7,825	60.2	7,347	390	5.0	10,774	5,223	48.5	5,089	130	2.
1954	13,004	7,924	60.9	7,099	897	8.8	11,043	5,412	49.0	5,095	317	5.1
1955		8,278	81.2	7,495	853	7.9	10,962	5,087	48.4	4,865	222	4.
1956		8,086	59.8	7,400	825	7.7	11,128	5,187	48.4	4,919	248	4.1
1957		7,958	57.9	7,166	718	9.0	11,487	5,378	48.8	5,139	239	4.
1958	14,331	8,174	57.0	6,959	1,122	13.7	11,822	5,385	45.4	5,078	287	5.3 6.4
1959	14,768	8,418	57.0	7,£83	1,083	12.9	11,884	5,182	43.4	4,832	330	6.4
960	15,274	8,473	55.5	7,327	1,067	12.6	12,252	5,401	44.1	5,079	322	6.0
1961	15,886	8,837	55.6	7,533	1,248	14.1	12,764	5,663	44.4	5,235	428	7.
962	15,708	8,121	51.7	7,134	922	11.4	13,134	5,481	41.7	5,096	385	7.0
983		8,287	50.5	7,059	1,124	13.6	13,892	5,814	41.0	5,218	396	7.
1964	16,968	8,617	50.8	7,428	1,085	12.8	14,132	5,781	40.9	5,386	415	7.
1965	17,338	8,719	50.3	7,765	898	10.3	14,607	5,912	40.5	5,491	421	7.
1966	17,684	8,781	49.7	7,914	799	9.1	14,981	6,106	40.8	5,729	377	8.3
1987	13,967	8,350	59.7	7,553	654	7.8	11,664	5,915	50.7	5,566	349	5.1
1968 1969	14,596 14,890	8,895 8,797	59.6 59.1	7,818 8,000	707 675	8.1 7.7	12,381 12,689	6,357 6,501	51.3 51.2	5,944 8,093	413 408	8.9 6.3
	1								500	0.470	400	7
1970		9,545	60.7	8,552	869	9.1	13,141	8,965	53.0	8,473	492 706	7. 9.
1971 1 <b>972</b>		10,009	60.2	8,540	1,324	13.2	13,878	7,220	52.8	8,514 6,793	751	10.0
1973	18,707 18,993	10,784	64.5 66.1	9,131 9,903	1,504 1,247	13.9 11.1	13,702	7,543 7,838	55.0 55.9	7,119	719	9.
1974	17,770	11,919	87.1	10,476	1,337	11.2	14,573	8,382	57.4	7,586	777	9.
1975	18,597	12,474	87.1	10,288	2,064	18.5	15,085	8,599	57.0	7,514	1,085	12.0
1978	1	12,828	66.7	10,772	1,968	15.3	15,684	9,282	59.2	8,182	1,100	11.
1977		13,606	68.0	11,410	2,093	15.4	18,399	9,702	59.2	8,521	1,182	12.
1978		14.424	69.3	12,439	1,903	13.2	17,258	10,487	60.7	9,.103	1,185	11.
1979		15,418	71.0	13,392	1,912	12.5	17,977	11,304	82.9	10,178	1,127	10.0
1980	22,191	15,705	70.8	13,540	2,049	13.1	18,273	11,242	81.5	10,087	1,156	10.
1981	22,49C	15,918	70.8	13,302	2,477	15.7	18,874	11,828	92.3	10,291	1,337	11.
1982	23,063	18,278	70.6	13,133	3,028	18.7	18,980	11,801	82.2	10,325	1,478	12.
MARRIED, SPOUSE PRESENT									 			
1947		30,927	92.6	29,865	837	2.7	33,458	6,878	20.0	8,502	174	2.0
1948		31,713	92.5	30,563	(1)		34,289	7,553	22.0	7,389	184	2.4
1949	35,323	32,559	92.2	31,101	1,115	3.4	35,323	7,959	22.5	7,637	322	4.0
1950		32,912	91.6	30,938	1,503	4.6	35,925	8,550	23.8	8,038	512	6.0
1951		32,998	91.7	31,968	430	1.5	35,998	9.086	25.2	8,750	338	3.
1952		33,482	91.7	32,222	464	1.4	38,510	9,222	25.3	8,948	266	2.1
1953		33,950 34,153	91.5 91.5	32,540 32,139	1,328	1.7 3.9	37,106 37,346	9,783 9,923	26.3 26.8	9,525 9,388	236 535	2.4 5.4
	l '					1					400	3.1
19 <b>5</b> 5		34,064	90.7	32,207	1,171	3.4	37,570	10,423	27.7	10,021 10,878	402 450	4.0
1956		34,855	91.0	33,048	1,018	2.9	38,306	11,128	29.0 29.8	11,036	493	4.
1 <b>95</b> 7	38,940	35,280 35,327	90.6	33,536 32,283	1,0,`4 2,267	2.9 6.4	38,940 39,182	11.628	30.2	10,993	833	7.0
1959		35,327	90.2 89.8	32,263		4.5	39,529	12,205			t	5.0



Table 50. Employment status of the population by marital status and sex, March, 1947-82—Continued

		<del> </del>		en 					WOI	nen		
				Labor force	)				1	Labor force	•	
Marital status and year	Danula	То	tai		Unem	ployed		To	tai		Unem	pioyed
•	Popula- tion <sup>2</sup>	Number	Percent of popula- tion	Em- ployed	Number	Percent of labor force	Popula- tion <sup>2</sup>	Number	Percent of popula- tion	Em- ployed	Number	Percen of labo force
MARRIED, SPOUSE PRESENT—Continued										_		
960	40,205	35,757	88.9	33,179	1,564	4,4	40,205	12,253	30.5	11,587	666	5.
961	40,524	36,201	89.3	33,080	2,137	5.9	40,524	13,266	32.7	12,337	929	7
962	41,218	36,396	88.3	33,883	1,605	4.4	41,218	13,485	32.7	12,716	769	5
963	41,705	36,740	88.1	34,305	1,567	4.3	41,705	14,061	33.7	13,303	758	5.
964	42,045	36,898	87.8	34,667	1,310	3.6	42,045	14,461	34.4	13,626	835	5.
965	42,367	37,140	87.7	35,185	1,088	2.9	42.367	14,708	34.7	13,959	749	5.
966	42,826	37,346	87.2	35,685	888	2.4	42,8 <b>26</b>	15,178	35.4	14,623	555	3.
967	43,225	37,588	87.0	35,963	790	2.1	43,225	15,908	36.8	15,189	719	4.
968	43,947	38,225	87.0	36,552	787	2.1	43,947	16,821	38.3	16,199	822	3.
969	44,440	38,623	86.9	37,065	662	1.7	44,440	17,5 <b>9</b> 5	39.6	16, <del>94</del> 7	648	3.
970	45,055	39,138	86.9	37,103	1,020	2.6	45,055	18,377	40.8	17,497	880	4.
971	45,538	39,130	85.9	36,686	1,444	3.7	45,538	18,573	40.8	17,484	1,089	5.
972		39,798	85.4	37,443	1,331	3.3	46,590	19,336	41.5	18,295	1,041	5.
973	47,224	39,997	84.7	38,020	1,118	2.8	47,224	19,851	42.2	19,025	926	4.
974	47,704	40,005	83.9	37 <b>,94</b> 5	1,135	2.8	47,704	20,541	43.1	19,562	979	4.
975	48,124	39,968	83.0	36,639	2,390	6.0	48,0 <del>98</del>	21,360	44.4	19,538	1,823	8.
976	48,434	39,875	82.3	37,132	1,955	4.9	48,421	21,814	45.1	<b>2</b> 0,2 <b>58</b>	1,558	7.
977	48,666	39,994	82.2	37,450	1,735	4.3	48,648	22,681	46.6	21,128	1,554	6.
978 979	48,679 49,109	39,811 40,065	81.8 81.6	37,647 38,109	1,409 1,266	3.5 3.2	48,665 49,093	23,136 24,223	47.5 49.3	21,927 22,972	1,210 1,252	5. 5.
960	40.744	·			·		·			•	·	
981	49,714 49,896	40,358 40,293	81.2   80.8	38,038 37,739	1,610	4.1	49,699	24,900	50.1	23,590	1,311	5. 5.
982	50,293	40,164	79.9	36,986	1,936 2,516	4.9 6.4	49,883 50,281	25,460 25,7 <b>56</b>	51.0 51.2	23, <b>99</b> 5 23,928	1,465 1,828	7.
WIDOWED, DIVORCED, OR SEPARATED												
947	4,201	2,760	65.7	2,546	211	7.6	9,270	3,466	37.4	3,309	157	4.
948 949	4,204 4,174	2,689 2,545	64.0 61.0	2,539 2,314	(*) 227	8.9	9,452 9,505	3,659 3,52 <del>6</del>	38.7 37.1	3,4 <b>6</b> 3 3,324	196 202	5. 5.
	•						·			·	202	
950	4,149	2,616	63.1	2,301	311	11.9	9,584	3,624	37.8	3,364	260	7.
951	4,438	2,754	62.1	2,616	121	4.4	10,410	4,086	39.2	3,910	176	4.
952 953	4,186 4,678	2,602 3,060	62.2	2,422	140	5.4	10,456	4,058	38.8	3,928	130	3. 2.
954	4,947	3,081	65.4 62.3	2,870 2,755	150 318	4.9 10.3	11,060 11,153	4,319 4,391	39.0 39.4	4,205 4,120	112 2 <del>6</del> 9	6.
955	4,902	2,976	60.7	2,699	2 <b>69</b>	0.0	11 710	4 842	20.6	4,398	245	5.
956	4,922	3,001	61.0	2,737	246	9.0 8.2	11,718 11,543	4,643 4,549	39.6 39.4	4,300	249	5. <b>5</b> .
957	4.776	2,795	58.5	2,737	211	7.5	11,436	4,817	40.4	4,417	200	4.
958	4,949	2,903	58.7	2,524	354	12.2	11,780	4,810	40.8	4,474	336	7.0
959	4.961	2,967	59.8	2,651	305	10.3	12,148	5,009	41.2	4,637	372	7.
960	4.794	2,845	59.3	2,542	279	9.8	12,150	4,861	40.0	4,553	308	6.
961	4,828	2,829	58.6	2,490	326	11.5	12,559	5,270	42.0	4,841	429	8.
962	5,203	2,989	57.4	2,629	355	11.9	12,814	5,012	39.1	4,681	331	6.0
963	5,174	2,932	56.7	2,598	322	11.0	12,995	5,000	38.5	4,665	335	6.
964	5,205	2, <b>93</b> 3 į	56.3	2,635	286	9.8	13,326	5,157	38.7	4,794	363	7.0
965	5,438	3,032	55.8	2,724	297	- 1	13,717	5,332	38.9	5,044	288	5.
^66	5,278	2,959	56.1	2,794	160	5.4	14,021	5,536	39.5	5,278	258	4.7
967	5,512   5,278	3,025   2,816	54.9	2,817 '	190 ¦ 124	6.3	14,521	5,722 5,600	39.4	5,471	251	4.4 4.8
	5 7 7 M	7 P 1 E .	53.4	2,682	174	4.4	14,351		39.0	5,325	275	A (



Table 50. Employment status of the population by marital status and sex, March, 1947-82 —Continued

			Me	en .					Wor	men		
	-		1	Labor force	)					Labor force		
Marital status and year		То	tal		Unem	ployed	Danie	То	tal		Unem	ployed
manual status and your	Popula- tion <sup>2</sup>	Number	Percent of popula- tion	Em- ployed	Number	Percent of labor force	Popula- tion <sup>2</sup>	Number	Percent of popula- tion	Em- ployed	Number	Percent of labor force
WIDOWED, DIVORCED, OR SEPARATED— Continued												
1970	5,416	2,938	54.2	2,724	192	6.5	15,065	5,891	39.1	5.611	280	4.8
1971	5,695	3,129	54.9	2,847	260	8.3	15,553	5,985	38.5	5,601	384	6.4
1972	5,312	3,322	62.5	3,017	279	8.4	15,593	6,254	40.1	5,876	378	6.0
1973	5,640	3,514	62.3	3,256	218	6.2	16,177	6,406	39.6	6,033	372	5.8
1974	5,968	3,915	65.6	3,635	239	6.1	16,611	6,805	41.0	6,388	417	6.1
1975	6,198	4,036	65.1	3,436	564	14.0	17,218	7,022	40.8	6,398	625	6.9
1976		4,163	62.9	3,589	514	12.3	17,863	7,304	40.9	6,675	629	8.6
1977	7,032	4,568	65.0	3,990	510	11.2	18,335	7,670	41.8	6,976	695	9.1
1978	7,534	5,040	66.9	4,537	440	8.7	18,963	8,124	42.8	7,543	580	7.1
1979	7,593	5,004	65.9	4,588	366	7.3	19,319	8,318	43.1	7,759	558	6.7
1980	7,999	5,340	66.6	4,835	442	8.4	19,967	8,792	44.0	8,225	567	6.4
1981	6,624	5,913	68.6	5,307	545	9.3	20,702	9,327	45.1	8,600	727	7.8
1982	6,745	6,094	69.7	5,196	809	13.5	21,174	9,538	45.0	8,642	896	9.4

<sup>11</sup> Data for the years 1947-49 and 1951-55 were collected in April.

Armed Forces living off post or with their families on post are included in the male population and labor force figures.



<sup>&</sup>lt;sup>2</sup> Data relate to the civilian population (including institutional) 14 years and over until 1967, 16 and over beginning 1967; beginning 1972, data relate to the civilian noninstitutional population. Male members of the

<sup>3</sup> Not available.

Table 51. Employment status of widowed, divorced, or separated persons by sex, March, 1970-82 [Numbers in thousands]

		<del></del> -	M	en				,	Wo	men		
			L	abor forc	<b>6</b>				L	abor forc	е	
Marital status and year		То	ital		Unem	ployed	i 1	То	tal		Unem	ployed
manai siatus and you	Population 1	Num- ber	Per- cent of popu- lation	Em- ployed	Num- ber	Per- cent of labor force	Popu- lation 1	Num- ber	Per- cent of popu- lation	Em- ployed	Num- ber	Per- cent of labor force
WIDOWED					! !							
1970	2,110	873	31.9	824	48	7.1	9,640	2,542	26.4	2,463	79	3.
1971	1,996	572	28.7	551	21	3.7	9,816	2,522	25.7	2,429	93	3.
1972		595	32.4	587	27	4.5	9,857	2,582	28.7	2,501	82	3.
1973	1,926	603	31.3	582	20	3.3	9,938	2,503	25.2	2,413	90	3.0
1974	1,856	637	34.3	613	24	3.8	9,926	2,459	24.8	2,344	115	4.
1975		601	33.8	543	57	9.5	10,126	2,416	23.9	2,285	131	5.
1978	1,798	531	29.6	481	50	9.4	10,187	2,270	22.3	2,135	138	8.
1977	1,891	562	29.7	518	45	8.0	10,219	2,294	22.4	2,152	142	8.
1978	1,865	559	30.0	524	32	5.7	10,370	2,319	22.4	2,209	109	4.
1979	1,950	558	28.8	535	23	4.1	10,701	2,414	22.6	2,292	122	5.
1960	1,977	554	28.0	530	22	4.0	10,758	2,421	22.5	2,328	93	3.
1981	1,949	544	27.9	510	33	8.1	10,845	2,418	22.3	2,278	139	5.
1982	1,861	519	27.9	457	81	11.9	10,796	2,287	21.2	2,152	135	5.9
DIVOACED												_
1970	1 .	1,200	78.1	1,117	74	8.2	2,895	1,927	71.5	1,823	104	5.
1971		1,318	71.8	1,194	117	8.9	2,842	2,002	70.4	1,861	141	7.1
1972	1,792	1,419	79.2	1,281	126	8.9	3,081	2.182	70.2	2,039	123	5.
1973 1974		1,541 1,873	77.8 79.5	1,423	108 128	7.0 8.8	3,315 3,681	2,367 2,685	71.4 72.9	2,242 2,556	125 130	5. 4.
	ł	4.070		1 000	075	400	1001	0.000	•		054	
1975		1,973	78.8	1,683	275	13.9	4,061	2,929	72.1	2,679	251 241	8. 7.
1978		2,163	78.8	1,880	269	12.4	4,486	3,204	71.4 73.2	2,964 3,319	310	1
19771978	3,211	2,528	78.7	2,226	277	11.0	4,954	3,828 3,965	74.0	3,695	271	8. 8.
1979		2,745 2,821	80.1 80.1	2,492 2,591	227 207	8.3 7.3	5,361 5,478	4,053	74.0	3,801	252	6.
1000	0.000	0.405	70.0	0.044	000		5 000	4 4 4 2	74.5	4 160	283	6.
198019811981		3,125 3,561	79.8 81.1	2,811	286 345	9.2 9.8	5,966 8,445	4,443 4,835	75.0	4,160 4,508	328	6.
1982	4,605	3,361	81.7	3,247	471	12.7	6,899	5,184	74.9	4,705	459	8.
SEPARATED			İ									
1970	1,729	1,065	81.8	983	70	8.6	2,730	1,422	52.1	1,325	97	8.
1971		1,239	66.4	1,102	122	9.8	2,895	1,461	50.5	1,311	150	10.
1972		1,307	77.8	1,168	127	9.7	2,855	1,509	52.9	1,336	174	11.
1973		1,371	79.0	1,251	90	8.8	2,924	1,536	52.5	1,379	158	10.3
1974	1,755	1,406	80.1	1,288	88	8.3	3,005	1,661	55.3	1,489	173	10.4
1975		1,459	79.2	1,208	233	18.0	3,031	1,677	55.3	1,435	243	14.
1978		1,489	73.4	1,228	195	13.3	3,189	1,829	57.4	1,578	252	13.
1977		1,477	78.5	1,246	190	13.9	3,162	1,748	55.3	1,504	243	13.
1978	1	1,740	77.8	1,522	181	10.4	3,232	1,840	56.9	1,640	200	10.9
1979	2,122	1,628	76.7	1,482	137	8.4	3,142	1,850	58.9	1,666	185	10.
1980		1,662	79.4	1,494	134	8.1	3,243	1,928	59.4	1,737	191	9.1
1981		1,809	79.3	1,610	187	9.2	3,412	2,078	60.8	1,818	260	12.
1982		1,815	79.8	1,491	277	15.7	3,479	2,087	60.0	1,785	302	14.

<sup>&</sup>lt;sup>1</sup> Data relate to the civilian population (including institutional) 16 years and over for 1970-71; beginning 1972, data relate to the civilian noninstitutional

population. Male members of the Armed Forces living off post or with their families on post are included in the male population and labor force figures.



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Table 52. Labor force participation rates by marital status, sex. and age. March, 1947-82

			!	r	Men	Γ				I				Vomen	 			T
Marital status and uses	16	16 10	20 to	25 10	35 to	45 to	64 y	ears	65	16	16 to	20 to	25 to	35 to	45 to	64 ye	ars	ļ.,,
Marital status and year	years and over	19	24	34 years	44	Total	45 to 54	55 to 64	years and over	years and over	19	24	34 years	44	Total	45 to 54	55 to 64	y e
SINGLE																		
i7	63.5	(8)	(3)	85.0	85.5	79.1	(3)	(5)	40.2	51.2	(3)	(3)	78.2	79.4	66.3	(a)	(3)	
8	64.1	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(a)	51.1	29.3	78.8	81.8	78.1	61.6	(3)	(3)	
9	64.2	45.3	77.1	86.6	85.1	75.1	(3)	(3)	42.1	50.9	29.8	75.8	81.0	80.4	66.8	(3)	(3)	
	00.0	40.4	70.7	044	02.6	744	(3)	(4)	410	50.5	26.3	74.9	84.6	83.6	70.6	(3)	(3)	
0	4	42.1	78.7	84.1	83.6	74.1	(a)	(3)	41.0 36.8	49.6	28.4	75.6	82.0	81.7	65.0	(a)	(3)	
1		42.7	77.1	84.3	83.0	78.5 76.6	( <sup>5</sup> ) 85.0	( <sup>3</sup> ) 66.2	28.2	50.0	28.0	75.9	83.0	78.4	719	78.5	63.1	i
2		40.7	79.2 75.5	86.8	83.7 81.0	74.8	78.1	70.8	30.2	48.5	27.4	76.2	81.3	77.3	68.3	72.9	62.7	- 1
i3	1	41.7 40.8	78.6	89.2	83.2	81.8	84.1	78.6	28.9	49.0	27.5	77.2	68.7	77.0	70.8	76.9	61.1	
i4	00.8	40.6	70.0	05.2	03.2	01.0	04.1	70.0	20.0	10.0	27.0	'''-	33.7					
55	61.2	39.4	76.5	89.1	82.2	86.7	88.8	83.6	31.6	46.4	24.6	69.6	80.9	81.2	74.8	79.4	69.1	
56	59.8	39.2	75.9	89.7	85.4	78.3	82.0	67.9	25.9	46.4	24.7	72.2	85.5	78.5	70.1	74.7	63.6	
57	57.9	38.9	73.2	86.5	82.9	77.0	83.1	68.9	26.8	46.8	26.8	74.6	79.5	61.9	72.9	78.0	66.7	•
58	57.0	36.0	73.9	87.5	82.8	78.1	83.7	72.1	28.9	45.4	24.7	72.9	80.1	79.1	72.4	77.3	66.1	
59	57.0	36.5	75.3	88.2	85.1	75.3	79.7	69.6	25.3	43.4	24.0	72.7	76.4	81.8	71.1	74.4	66.1	
50	55.5	34.4	76.6	85.3	85.3	74.4	77.5	69.7	24.3	44.1	25.3	73.4	79.9	79.7	75.1	80.6	67.0	1
31		34.3	,	1	88.2	77.5	82.6	69.0	23.0	44.4	26.1	76.5	79.9	77.5	76.0	81.8	68.6	
52		32.4	73.9	i	80.3	73.4	76.0	70.0	24.8	41.7	25.0	70.9	79.8	77.3	71.0	74.1	67.2	
63		31.7	74.1	1	1	72.6	75.7	69.0	18.2	41.0	23.6	71.9	81.4	82.5	73.7	79.2	67.6	, [
34			₹ .		1	73.9	81.4	84.5	20.3	40.9	23.5	74.0	87.2	83.0	71.3	75.0	67.0	-
	į	1	1		1	1						700	00.4	77.0	74.0	75 7	00 1	1
65		1	1	4	1	72.0	78 5	_	18.1	40.5	23.6	1	83.4	77.0	71.8	75.7 73.6	68.1 65.6	
66		34.5	1	1	84.8	67.6		63.0	15.7	40.8	25.5	72.6	80.9	75.4 74.5	69.7 67.8	72.2	63.2	,
87		46.6	1 -		1	69.3	76.6	t .	16.2	50.7	37.2	70.3	80.9	77.2	70.0	74.9	64.8	
58	1	1	1	1	1	67.9	74.8	57.3	15.4	51.3 51.2	37.4 37.1	68.7 69.4	79.8 80.9	72.3	67.9	72.8	62.8	
59	59.1	46.9	67.5	84.0	79.2	69.2	76.6	57.8	18.7	31.2	37.1	09.4	60.8	72.3	07.5	72.0	V2.0	1
70	60.7	49.0	69.0	86.2	82.3	66.6	71.5	60.2	21.0	53.0	39.5	71.1	80.7	73.3	67.8	72.3	63.7	1
71			68.5		1	1	76.5	57.6	21.4	52.8	39.6	69.1	77.6	72.7	69.4	74.1	65.2	!
72		51.3		1	85.7	71.0	80.6	58.0	24.6	55.0	42.0	70.0	84.7	71.4	70.9	73.0	69.1	- 1
73	1	52.9	75.4	87.3	88.7	72.3	77.4	66.0	19.6	55.9	43.7	70.7	81.7	73.6	69.9	73.8	66.4	- 1
174	67.1	54.5	75.4	86.8	86.6	72.9	78.3	66.1	15.4	57.4	45.7	71.7	81.8	72.3	70.6	77.6	64.2	4
	l l	50.0		07.4		60 7	70.5	50.0	20.5	570	45.5	69.5	80.4	77.8	68.4	76.4	60.1	
	ı	53.2			1 _ : : :	68.7	76.5	i	20.5	57.0 59.2	1	1 -	1	76.1	70.6	76.6	64.4	
	•	3	1	1	1	68.6	1	62.4	20.4	59.2	47.4	1		I	69.4	74.6	64.3	- 1
77		1	1 -	1		65.5 68.0	1 -	55.5	20.1	60.7	48.7	1		1	67.6	73.8	1	- 1
78			,	4 -		70.1	4	59.6	1	62.9	51.0	1	i	1		73.8	1	- 1
	/ 1.0	37.1	78.0	07.3	05.0	70.1	1 , ,	00.0		02.0	1	1		<u> </u>	ŀ	ł	1	
080	70.8	56.8	79.6	87.3	79.9	65.2	1	F	20.0			·	1	1	I	70.5	l	_ 1
981	70.8	54.9		1	82.7				13.6		II.			1	66.0	74.3	56.5	
82	70.6	51.6	79.2	88.8	85.8	62.1	71.2	51.1	17.8	62.2	46.4	73.5	83.1	81.0	64.9	73.8	56.1	1
MARRIED, SPOUSE PRESENT				1												/	(3)	
947					1	1	1 .				(3)			1	18.4	(3)	(3)	
)48						(3)	(3)			1				1	1	(3)	(3)	
049	92.2	(3)	94.9	97.7	98.7	94.3	(3)	(3)	51.9	22.5	18.6	24.5	22.7	28.5	20.6	(3)	(a)	1
950	91.6	92.6	94.5	97.0	98.8	92.8	(3)	(3)	53.4	23.8	24.0	28.5	23.8	28.5	21.8	(3)	(3)	)
951		1	. i			1				1	• _			30.5	23.7	(a)	(3)	)
052				. 1	1	1	1				21.9	25.8	25.4	31.7	24.1	29.0	16.9	•
53					1	94.9	97.6	91.0	46.2	26.3	20.8	28.2	25.2	33.6	25.7	30.8	1	_ 1
54	91.5	91.6	98.0	98.9	99.0	94.9	97.8	90.9	47.1	26.6	20.9	25.6	26.3	33.1	28.9	31.0	20.7	4
					000	029	07.4	88.8	44.2	27.7	19.8	29.4	26.0	33.7	29.0	33.9	21.3	3
55	1 -		1		1	1		1	44.8	1			1		I	1	l	_
956	1					. i .	1	1	42.4	1		l		35.7	1	1	1	_ !
058			- 1	. (			1	1	1	1	1	1			1		1	3
59	1	. i	-1				1	1	·	1	1	1	1		1	40.3	24.0	וכ
		}	00			1		1	l	1	1					10.5	04.0	,
60		1			1		1	ī	1		I -		1		!	1		_ I
161	1	1	i				1 -	1	37 6					1	1	1	1	_ I
162		1 -		i			!	1	1	i	1		1	1	1	1	1	
963	1	1	- 1	- 1				1	1		1	1	1		1	1	1	_ 1
964	87.8	95.3	3 96.7	7 98.5	98.4	93.2	97.4	87.4	31.0	34.4	31.1	36.6	30.6	39.4	38.3	77.0	51.3	1
965	87	94.3	96.6	98.5	98.2	92.8	96.8	87.1	31.1	34.7	27.0	35.6	32.1	406	39.0	44.0	31.4	4
966		. i .				l	1 '	1		1	,	1	32.5	41.3	39.5			3
967	•							!	1	. i	31.5	41.1	35.0	42.7		1	1	•
968			i			1		1	3				36.6					
		95.6	1		1	91.6		: 86.0	30.9	ı¦ 39.6	35.4	47.9	36.9	45.4	43.1	48.2	35.4	41



Table 52. Labor force participation rates by marital status, sex, and age, March, 1947-82 -Continued

	i	<b>_</b>	<b>.</b>	<b>,.</b>	Men			· 1		· •	,	<b>.</b>	, V	Vomen	•			
	16					45 1	o 64 y	ears	65	16				05.		64 y	ears	. 65
Marital status and year	years and over	19	20 to 24 years	34	44	Total	45 to 54	55 to 64	_	years		20 to 24 years	34	44		45 to 54	55 to 64	yea an
MARRIED, SPOUSE PRESENT—	<del> </del>						54	04				<del></del>						
Continued	000	05.5	25.0	000		04.6	00.4	05.7	00.0	40.0	l as a	49.4	20.2	47.0		49.5	· · 35.8	; ,
170 171		1	1	98.2 97.8	98.1 97.9	91.6	96.1 96.0	85.7 85.1	30.2 27.6	40.8 40.8	36.0	47.4 47.0	39.3 39.9	47.2 47.6	44.1 44.0		36.7	1 .
772		93.4	3	98.0	97.9	90.8	95.3	84.5	26.6	41.5		48.8	41.3	48.6	44.1			
73		96.3		97.4	97.5	89.0	94.8	81.5	26.0	42.2	•	53.0	44.1	49.3	42.8		35.2	
74				97.6	97.6	88.5	94.2	81.1	24.1	43.1	44.4	54.1	48.1	50.1	43.4	49.5	34.8	
	ı	000	05.4	07.0	07.0	07.0	00.0	70.0	22.7	44.4	48.0	57.3	48.3	51.9	43.9	50.1	35.6	į
75 76		92.3	95.1	97.3 97.6	97.0 96.7	87.0 85.7	93.8	78.8 76.8	23.7	44.4	44.9	55.5	49.8	54.2	44.1	50.1	i	
77		95.2		97.2	97.3	65.3	93.1	76.3	20.9	46.6	49.8	60.0	52.2	55.9	44.8	51.7	36.0	1
78		98.1	96.1	97.6	97.1	84.7	93.2	75.0	21.0	47.5	45.2	58.9	55.2	57.5	45.4	52.6	1 -	
79	1	98.3	1 1 1	97.5	97.2	84.6	93.5	75.0	21.5	49.3	51.4	61.5	57.0	60.2	46.5	54.3	37.2	į ·
60	04.0	07.0	96.8	07.5	97.0	84.8	93.4	75.4	20.4	50.1	47.7	60.5	59.3	62.5	46.9	55.7	36.7	1
	1	97.3 94.5		97.5 97.5	97.2	84.3	93.3	74.8	19.9	51.0	45.9	61.6	61.6	62.5	47.8		I .	1
82				97.4	1	II.	92.7	73.1	18.9	51.2	49.6	62.1	61.6	64.1	47.5		36.6	
WIDOWED, DIVORCED, OR SEPARATED	70.5	04.0	30.0	0,		00.0		, 0. 1	70.0		10.0	32.1					! !	
47	65.7	(3)	(3)	85.2	89.6	78.8	(3)	(3)	32.8	37.4	(3)	(a)	63.8	67.6	45.4	(3)	(3)	ļ
48	64.0		(a)	1		(3)	(3)	(3)	(3)	38.7	41.0	57.9	64.7	67.9	48.9	(3)	(3)	
49				78.0	87.1		(3)	(3)	32.2	37.1	39.7	47.6	59.2	68.4	46.7	(3)	(3)	
E0.	63.1	(4)	75.0	83.8	83.4	83.1	(3)	(3)	30.2	37.8	(3)	45.5	82.3	65.4	50.2	(3)	(3)	į
50 51		(*)	75.0 81.7	81.8	87.4	77.8	(3)	(3)	27.6	39.2	39.1	45.3	58.7	69.0		(3)		
52				1	88.2	79.0	79.1	78.9	27.3	38.8	41.0	59.0	63.0			61.5		
153				82.9	92.1	84.2	89.6	79.9	29.2	39.0	47.8	52.9	61.2	67.2	52.4	64.7	42.8	
				76.3	90.6	78.8	83.7	74.4	22.7	39.4	48.6	47.6	62.7	69.3	52.0	61.8	44.6	
55	1	(4)	(6)	80.9	63.5	78.6	85.6	72.7	26.4	39.6	37.3	55.1	60.5	64.6	53.3	64.1	45.1	1
)56	1			79.7	86.5	78.0	80.5	75.3	27.2	39.4	35.3	49.5	60.6	1 1	55.8	63.0	1	1
057					66.8	76.3	1	69.7	24.5	40.4	35.5	53.1	62.1	69.4	58.0	66.4		
158		(4)		79.0	87.1	77.3	80.5	74.5	23.0	40.8	31.8	59.8	62.6	69.9	58.3	68.2	50.9	1
)59				89.0	87.1	77.2	82.8	72.4	20.8	41.2	34.5	57.8	61.4	65.7	60.3	68.6	53.9	1
<b>16</b> 0	59.3	/41	88.8	82.3	84.1	78.1	84.3	72.8	18.2	40.0	37.3	54.6	55.5	67.4	58.3	68.2	50.7	1
961		, , ,			81.6	1 .	83.1	73.1	21.2		42.3	58.5	61.5	72.2	59.7	69.9	51.5	
962		(4)			85.0	t	82.6	71.7	16.7	39.1	34.0	54.7	57.5		60.2	71.0	52.0	
963		1		1	82.4	1	1	70.8	16.3	38.5	38.8	58.1	56.5	68.8	59.1	87.8	52.5	!
964	56.3			82.9	81.5	77.3	82.6	71.8	17.1	38.7	28.7	50.3	60	63.7	80.4	70.2	53.1	1
965	55.8	(*)	65.0	790	82.1	77.2	81.6	72.8	18.8	38.9	35.2	58.6	6	65.0	59.8	87.9	53.3	1
966		(4)	1				80.5		1	1		55.3	58 5				55.4	• .
067				1		i -	81.4	1	15.2	i .	1	60.9	62.4	68.9	60.2	69.1	53.5	i
968	53.4			:	1		80.7			1	51.1	62.0	81.1	68.8	60.4	69 2	54.1	
969	54.1	(*)	72.9	60.7	82.5	73.6	85.1	60.1	14.9	99.2	51.8	62.9	63.5	68.4	60.8	68.5	55.0	1
970	54.2	(*)	73.2	74.5	80.6	75.9	83.6	67.8	16.5	39.1	46 5	59.7	65.1	67.9	60.7	69.1	54.6	
971	(	,	·					63.6		1	i	59.9	60.9	67.9	i		53 9	
972		, , ,	88.4			73.6		1		1		57.7	1 -	71.7	4	1	54.8	:
073	1 -		•		90.6	75.8	85.7	68.1	14.0	39.6	38.2	57.7	64.0	70.7	59.9	700	52.3	
	65.6			93.3	91.8	74.2	83.5	65.2	15.3	41.0	47.0	66.3	68.2	69.0	61.0	69.6	54.4	!
)75	65.1	(4)	84.7	92.4	89.3	69.4	80.2	59.2	18.0	40.8	41.9	68.1	67.5	69.4	60 4	_		
976		(1)	93.1	89.6	1	1	76.3	1	1 -	40.9	1	'	72.1	1 .	•		510	
977			93.6							41.8	1	62.8	1		57.5	'		
978			88.0							:	48.8			75.2				
979	65.9	· (1)	86.8	916	93.3	/1.7	: 82.4	60.0	13.1	43.1	60.9	. 73.7 	/5.0	73.3	י טטט	70.3	; 52 3	
980 *	66.8	: (4)	92.9	93.8							51.0			76.4	59 5	71.4	: 50 7	
981	68 6	: (•)	90 5	93.4	90.2	6 71.4	84.0	59.0	142	<sup>1</sup> 45 1	50.4	69.2	76.2	1 78.4	61 1	72 0	53 0	i.
982	69.7	68.3	92 3	91.5	923	73 4	85.0	60.0	13 9	45.0	45.6	67.1	: 77 1	77.2	61.9	73 1	. 53 2	! ·

<sup>&</sup>lt;sup>1</sup> Percent of population in the labor force. See footnote 2, table 50. <sup>2</sup> See footnote 1, table 50.



<sup>&</sup>lt;sup>3</sup> Not available

<sup>4</sup> For years prior to 1967, data not shown where base is less than 100.000, for 1967 forward, data not shown where base is less than 75.000.

Table 53. Labor force participation rates <sup>1</sup> of widowed, divorced, or separated persons by sex and age, March, 1970–82

				M	en							Wor	nen			<del>,</del>
***					45	to 34 ye	ars	85					45	to 64 ye	Bars	8
Marital status and year	16 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	Total	45 to 54 years	55 to 64 years	years and over	16 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	Total	45 to 54 years	55 to 64 years	yea ar ov
WIDOWED																
970	(2)	( <sup>2</sup> )	(2)	( <del>2</del> )	75.5	85.2	70.2	13.8	(2)	( <sup>2</sup> )	( <sup>2</sup> )	60.3	58.7	65.9	52.4	ļ
971		(2)	(2)	(*)	74.3	83.8	69.3	10.9	(2)	(2)	45.1	60.1	56.9	67.6	52.0	1
972	(2)	(*)	(2)	(*)	72.5	83.7	66.9	15.4	(2)	(2)	52.7	66.0	58.8	85.1	52.8	
973	(2)	(*)	(2)	(*)	72.0	80.9	68.7	12.8	(2)	(*)	43.5	59.9	55.3	65.7	50.7	
974	(2)	(2)	(*)	(2)	71.6	82.8	66.3	14.2	(*)	(2)	53.4	50.5	55.7	64.3	51.8	:
975	(2)	(2)	( <del>2</del> )	(°)	65.6	74.1	61.7	16.2	(2)	(ª)	48.5	57.0	54.5	62.5	50.2	ł
76	(2)	(2)	(2)	(*)	63.7	75.5	57.8	13.4	(2)	( <sup>2</sup> )	51.0	64.1	51.0	61.8	46.3	ļ
977		(2)	(2)	(*)	69.1	82.1	81.2	11.7	(2)	(*)	59.9	68.9	50.4	62.9	45.3	
978	(2)	i (r)	(2)	87.8	67.0	86.2	56.1	13.4	(2)	(*)	66.6	68.8	51.1	62.1	46.4	1
979	(2)	(2)	(2)	(2)	65.7	82.9	55.5	11.5	(2)	(2)	54.4	52.9	54.2	66.0	49.0	
980	(2)	(2)	( <sup>2</sup> )	(2)	61.2	77.4	54.4	10.9	(2)	( <sup>2</sup> )	66.4	60.8	52.0	65.9	46.7	ŀ
981		(2)	(2)	(*)	57.6	79.5	49.3	11.7	(2)	(*)	64.6	65.6	52.5	67.6	46.5	
982		(2)	(2)	(4)	61.8	80.0	53.3	11.5	(*)	(*)	61.5	62.4	52.4	65.2	47.4	
DIVORCED																_
70		( <sup>2</sup> )	81.5	86.8	81.8	88.0	72.0	26.9	(°2)	68.0	81.0	79.5	73.5	82.1	62.1	1
971		94.0	88.3	83.1	71.0	77.7	60.7	22.3	(2)	74.3	76.4	79.9	73.2	76.8	67.5	2
972	(2)	86.0	92.5	92.7	73.8	85.1	60.1	28.8	(*)	66.7	73.5	82.3	74.2	80.7	63.7	2
973	(*)	92.7	91.8	92.3	75.0	86.0	59.3	18.6	(*)	66.2	77.4	82.5	74.4	81.3	62.9	1
974	(2)	89.9	94.1	91.5	75.0	84.9	81.5	20.2	( <del>*</del> )	79.5	77.6	81.7	76.4	81.4	67.8	1
975		87.6	92.7	90.0	70.4	82.7	54.4	24.9	(2)	80.3	76.8	60.5	74.8	79.9	87.1	1
976		94.4	91.5	89.0	73.4	81.9	62.5	13.1	(2)	72.3	78.2	78.8	73.3	76.9	67.8	1
977		91.9	95.3	91.4	75.2	81.9	66.8	11.5	(2)	72.5	62.3	81.2	72.7	79.3	62.5	1
978	(2)	92.8	93.7	92.6	74.2	84.8	61.6	20.0	( <sup>2</sup> )	76.7	81.7	82.6	73.4	78.2	66.9	2
979	(*)	86.7	93.2	94.5	76.4	84.7	64.8	17.5	( <sup>2</sup> )	85.8	81.7	82.7	72.9	78.8	64.9	1
980	, , ,	91.9	93.7	92.6	72.6	81.4	59.7	13.2	(2)	76.3	84.1	83.8	73.3	86.6	82.8	1
981		91.6	94.3	91.6	74.2	85.0	60.3	18.6	(2)	78.1	82.1	84.5	74.9	77.3	70.9	1
982	(²)	93.2	91.2	92.8	75.5	85.4	59.9	17.4	( <sup>2</sup> )	74.0	82.2	84.2	76.0	<b>81</b> .0	69.1	1
SEPARATED 970.	(2)	66.0	68.0	73.0	89.3	76.8	59.9	21.7	43.6	57.3	52.7	57.4	57.3	60.3	53.1	
971		79.3	78.4	76.9	87.5	74.3	59.5	17.1	44.7	53.0	48.6	57.2	54.7	58.8	48.4	
072		89.7	90.3	90.0	75.4	81.6	67.1	18.9	41.4	54.3	52.9	61.5	58.1	59.5	55.9	1
973		88.2	88.8	90.4	82.2	88.9	72.9	19.0	37.5	54.4	54.4	61.5	56.0	60.4	50.0	2
974		93.7	92.0	93.4	77.8	84.1	70.7	19.4	42.9	59.1	59.7	61.7	57.1	60.3	52.1	-
975	(2)	82.0	92.8	91.6	70.3	62.7	65.6	23.4	38.2	61.2	58.0	59.4	60.1	65.7	50.5	
)76	(2)		87.5	89.7	68.5	71.8	64.2	15.3	55.1	59.4	65.6	62.1	56.8	59.6	52.1	1
977		94.8	89.8	88.8	76.0	81.6	69.0	17.2	47.7	55.9	67.3	57.9	53.3	58.1	46.5	1
978		83.8	91.4	92.2	78.2	82.9	71.5	11.6	44.2	63.1	65.3	64.0	54.2	59.5	46.0	1
979		67.3	89.9	93.4	73.9	83.9	61.5	19.2	54.1	64.3	65.5	63.2	57.2	62.1	48.3	1
980	(2)	94.1	94.1	88.7	72.7	80.5	62.4	21.6	48.9	82.3	66.3	68.3	55.8	60.0	49.6	1
981		89.8	92.9	88.6	77.2	83.9	69.3	21.8	52.0	61.3	66.9	70.9	58.4	65.4	48.9	1
982		91.6	92.5	91.0	78.1	86.3	68.1	21.4	43 2	60.9	68.8	67.7	58.0	66.4	46.2	i
			J	1	. •	1 30.0	50.1			1	55.5	1				Ι.

<sup>&</sup>lt;sup>1</sup> Percent of population in the labor force. See footnote 1, table 51.



<sup>&</sup>lt;sup>2</sup> Data not shown where base is less than 75,000.

Table 54. Labor force and labor force participation rates <sup>1</sup> of married women, spouse present, by presence and age of own children, March, <sup>1</sup> 1948-82

Item	Total	No chil- dren under 18 years	Chil- dren 6 to 17 years only	Total chil- dren under 6 years	Item	Total	No chil- dren under 18 years	Children 6 to 17 years only	Total chil- dren under 6 years
NUMBER IN LABOR FORCE (thousands)	;				LABOR FORCE PARTICIPATION RATE 1				
1948	7,553	4,400	1,927	1,226	1948	22.0	28.4	26.0	10.8
1949		4,544	2,130	1,285	1949	22.5	28.7	27.3	11.0
1950		4,946	2,205	1,399	1950	23.8	30.3	28.3	11.9
1951	9,086	5,018	2,400	1,870	1951	25.2	31.0	30.3	14.0
1952	9,222	5.042	2.492	1,688	1952	25.3	30.9	31.1	13.9
1953	9,763	5,130	2,749	1,884	1953	26.3	31.2	32.2	15.5
1954		5,096	3,019	1,808	1954	26.6	31.6	33.2	14.9
1955		5,227	3,183	2,012	1955	27.7	32.7	34.7	16.2
1956		J,694	3,384	2,048	1956	29.0	35.3	36.4	15.9
1957		5,805	3,517	2,208	1957	29.6	35.6	36.6	17.0
1958		5,713	3,714	2,399	1958	30.2	35.4	37.8	18.2
1959	12,205	5,679	4,055	2,471	1959	30.9	35.2	39.8	18.7
1960		5,692	4,087	2,474	1960	30.5	34.7	39.0	18.8
1961	13,266	6,186	4,419	2,661	1961	32.7	37.3	41.7	20.0
1962	13,485	6,156	4,445	2,884	1962	32.7	36.1	41.8	21.3
1963		6,366	4,689	3,006	1963	33.7	37.4	41.5	22.5
1964	14,461	6,545	4,866	3,050	1964	34.4	37.8	43.0	22.7
1965		6,755	4,838	3,117	1965	34.7	38.3	42.7	23.3
1966	15,178	7,043	4,949	3,186	1966	35.4	38.4	43.7	24.2
1967	15,908	7,158	5,269	3,480	1967	36.8	38.9	45.0	26.5
1968		7,564	5,893	3,564	1968	38.3	40.1	46.9	27.6
1969	17,595	7,853	6,143	<b>3</b> ,5 <b>96</b>	1969	39.6	41.0	48.6	28.5
1970		8,174	6,289	3,914	1970	40.8	42.2	49.2	30.3
1971		8,455	6,429	3,690	1971	40.8	42.1	49,4	29.6
1972	19,336	8,842	6,715	3,778	1972	41.5	42.7	50.2	30.1
1973	19,951	9,175	6,672	4,104	1973	42.2	42.8	50.1	32.7
1974	20,541	9,456	6,811	4,274	1974	43.1	43.0	51.2	34.4
1975		9,832	7,012	4,518	1975	44.4	43.8	52.2	36.7
1976	21,814	9,996	7,298	4,520	1978	45.1	43.7	53.6	37.5
1977	22,681	10,427	7,707	4,547	1977	46.6	44.8	55.5	39.4
1978	23,136	10,502	7,867	4,768	1978	47.5	44.6	57.1	41.7
1979	24,223	11,176	8,106	4,939	1979	49.3	46.6	5 <b>9</b> .0	43.3
1980	24,900	11,246	8,428	5,227	1980	50.1	46.0	61.7	45.1
1981			8,432	5,603	1981	51.0	46.3	62.5	47.8
1982	25,756	'11,789 <u>'</u>	8,277	5,690	1982	51.2	46 2	63.2	48.7

<sup>&</sup>lt;sup>1</sup> See footnote 1, table 50.



<sup>&</sup>lt;sup>2</sup> Percent of civilian noninstitutional population in the civilian labor force.

Table 55. Number of own children under 18 years of age by type of family and labor force status of mother, March, 1970-82

['n thousands]

	Total			Marrie	d-couple fa	amilies	Families v	maintai	ned by	Fan
Age of children and year	num- ber of own chil- dren 1	Mother in labor force	Mother not in labor force	Total	Mother in labor force	Mother not in labor force	Total	Moth- er in labor force	Mother not in labor force	lie mai tain by mer
WITH CHILDREN UNDER 18 YEARS OF AGE									0.400	
70		25,544	39,550	58,399	21,962	36,417	6,695	3,562	3,133	6
71		25,538	39,549	57,429	21,523	35,905	7,658 7,975	4,014 4,074	3,643	7
72		25,935	36,930	56,690	21,861	35,030 33,557	8,421	4,370	4.051	7
73		26,449 27,114	38,329 37,060	55,638 54,684	22,079 22,443	32,242	8,750	4,672	4,076	7
74		27,114	37,000	54,004	22,440	02,272	0,,,00	-	","	
75		26,083	34,690	53,476	22,984	30,493	9,296	5,099	4,196	!
76		26,679	33,257	52,382	23,284	29,098	9,554	5,394	4,159	
7		29,498	31,386	51,207	23,627	27,381	9,876	5,671 6,217	4,004	
6		30,434	29,630	49,831	24,217	25,615 24,294	10,233 10,052	6,198	3,653	
9	59,983	30,884	28,147	48,979	24,688	24,284	10,052	0,190	3,055	
10	59,714	31,529	27,208	48,155	24,912	23,244	10,582	6,617	3,964	
1	59,146	31,785	26,269	47,542	25,176	22,364	10,513	6,607	3,906	1,
2	58,312	32,008	25,254	46,293	25,130	21,163	10,968	6,676	4,090	1,
WITH CHILDREN 6 TO 17 YEARS OF AGE										
70		19,954	25,827	40,779	17,035	23,444	5,102	2,919	2,183	
1		20,082	25,785	40,085	16,834	23,251	5,761	3,248	2,534	1
2		20,281	25,954	39,628	16,983	22,646	5,986	3,298	2,687	1
3	45,488	20,426	25,055	38,598	16,922	21,676	6,253	3,504	2,749	
<b>'4</b>	45,477	20,934	24,533	36,204	17,189	21,015	6,619	3,744	2,675	
<sup>7</sup> 5	45,186	21,453	23,023	37,522	17,453	20,070	6,953	3,999	2,954	
76		22,098	21,976	36,784	17,784	19,000	7,289	4,314	2,976	
7	44,237	22,903	20,616	36,116	16,275	17,841	7,401	4,627	2,775	
78	43,582	23,371	19,451	34,999	16,369	16,626	7,622	5,000	2,823	
<b>'9</b>	42,456	23,507	16,250	34,141	18,605	15,536	7,618	4,901	2,714	
10	41,788	23,826	17,168	33,032	18,525	14,507	7,961	5,300	2,661	1
1		23,569	16,398	32,111	16,307	13,804	7,657	5,262	2.595	
2		23.534	15,466	30,908	16,130	12,776	6,093	5,405	2,688	
WITH CHILDREN UNDER 6 YEARS OF AGE										
70		5,590	13,923	17,920	4,947	12,973	1,593	643	950	
71		5,456	13,764	17,343	4,689	12,654	1,676	767	1,110	1
/2		5,654	13,682	17,262	4,678	12,384	1,989	776	1,213	1
/3	1	6,023	13,274	17,038	5,157	11,881	2,167	866 927	1,302	
<b>'4</b>	18,709	6,180	12,527	16,481	5,253	11,228	2,130	921	1,203	
<sup>7</sup> 5		6,630	11,667	15,954	5,531	10,424	2,343	1,099	1,243	
76		6,581	11,261	15,598	5,500	10,098	2,264	1,081	1,183	
77		6,596	10,770	15,091	5,551	9,540	2,276	1,045	1,231	
76		7,063	10,179	14,633	5,846	6,987	2,409	1,217	1,193	
79	17,439	7,376	9,896	14,839	6,082	6,758	2,435	1,296	1,139	
80	17,927	7,703	10,040	15,123	6,386	8,737	2,620	1,317	1,303	
81		6,216	9,871	15,431	8,871	8,560	2,656	1,345	1,311	1
82		6,473	9,767	15,385	7,000	6,385	2,676	1,473	1,402	1

Refers to "own" children of the husband, wife, or householder and includes sons and daughters, step children, and adopted children. Excluded are other related children such as grandchildren, nieces, nephews, cousins,



and unrelated Children.

<sup>\*</sup> Families maintained by widowed, divorced, separated, or single per-

Table 56. Employment status of women who maintain families: March, 1960-82 [Number in thousands]

	Civillan			Civilian lat	bor force		
Year	noninatitu- tional		Percent of		Unem	ployed	Not in John
	population	Number	population	Employed	Number	Percent of labor force	Not in labo force
960	4,494	2.243	49.9	2,107	136	6.1	2,251
961	4,609	2,387	51.8	2,218	171	7.2	2.222
962	4,643	2,359	50.8	2,212	147	6.2	2.284
963	4,741	2,485	52.0	2,298	187	6.8	2,276
964	4,882	2,427	49.7	2,276	151	6.2	2,455
965	5,006	2.548	50.9	2.417	131	5.1	2,458
966	4,992	2,572	51.5	2,444	128	5.0	2,420
967	5,166	2.717	52.6	2,596	121	4.5	2,449
\$68	5.329	2.734	51.3	2,568	136	5.0	2,595
969	5,438	2,804	51.8	2,691	113	4.0	2,834
970	5,573	2.950	52.9	2.785	165	5.8	2.823
971	5,968	3.229	54.1	2,998	231	7.2	2,739
972	8,219	3.309	53.2	3,079	230	7.0	2,910
973	6.653	3.542	53.2	3,300	242	8.8	3,110
974	6,868	3.722	54.2	3,478	244	6.6	3,146
975	7,326	3.987	54.4	3,584	403	10.1	3,339
976	7,587	4,233	55.8	.811	423	10.0	3,354
977	7,836	4.380	55.9	3.921	460	10.5	3,456
978	8,371	4,938	59.0	4,484	455	9.2	3,433
979	8,616	5,129	59.5	4,686	444	8.7	3,486
980	9,009	5,377	59.7	4.892	486	9.0	3,632
981	9,415	5.742	61.0	5,174	568	9.9	3,673
982	9,712	5,896	60.7	5,242	854	11.1	3,816

NOTE: Data refer to widowed, rivorced, separated, or single women.



Table 57. Employment status of husbands by employment status of other family members, March, 1959-82

Employment status of husband and other family members	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
HUSBAND IN LABOR FORCE <sup>8</sup>						:					į	
'otal:			05 .50	05 740	00.070	2000	20 545	36,763	37,060	37,668	38,144	38,639
Number		35.041	35,453	35,713	36,079	36,286	36,545	100.0	100.0	100.0	100.0	100.0
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Nife or other member in labor force	43.3	43.0	45.0	45.0	46.5	47.6	47.4	48.7	50.4	50.7	51.8	53.1
Wife only		25.8	27.6	28.1	28.7	28.8	29.6	29.8	30.7	32.6	33.4	34.5
Wife and other member		6.2	6.6	6.5	6.9	7.6	7.3	8.2	8.8	8.3	8.9	9.3
Other member only	11.2	11.1	10.8	10.4	10.8	11.1	10.5	10.7	10.9	9.8	9.4	9.3
Wife or other member employed 3		40.1	41.2	42.0	43.3	44.3	44.6	46.2	47.9	48.5	49.8	50.7
Wife or other member unemploy-												
ed (none employed)	3.2	2.9	3.8	3.0	3.2	3.3	2.9	2.4	2.5	2.1	1.9	2.5
Neither wife nor other member in la-												
bor force	56.7	57.0	55.0	55.0	53.5	52.4	52.6	51.3	49.6	49.3	48.2	46.9
HUSBAND EMPLOYED *												
Total:												
Number	33,149	33,579	33,428	34,185	34,595	35,052	35,512	35,918	36,305	38,945	37,523	37,667
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Vife or other member in labor force	43.1	42.7	44.6	44.7	46.2	47.3	47.2	48.6	50.3	50.6	51.8	53.1
Wife only		25.5	27.3	27.8	28.6	28.6	29.4	29.7	30.5	32.5	33.4	34.3
Wife and other member		6.1	6.6	6.4	6.9	7.6	7.3	8.1	8.8	8.3	8.9	9.3
Other member only	11.3	11.2	10.8	10.5	10.8	11.2	10.5	10.8	10.9	9.8	9.5	9.4
Wife or other member employed 2	40.1	40.0	41.2	41.9	43.2	44.3	44.5	46.3	47.9	48.6	49.9	50.
Wife or other member unem-	1 70.1	70.0	ļ									
ployed (none employed)	2.9	2.7	3.5	2.8	3.0	3.1	2.7	2.3	2.4	2.0	1.9	2.4
Neither wife nor other member in lab-		İ			<u> </u>			1				
or force	56.9	57.3	55.4	55.3	53.8	52.7	52.8	51.4	49.7	49.4	48.2	46.9
HUSBAND UNEMPLOYED	ļ			j	i							
Total:			i		1					700	004	972
Number	1,477	1,462	2,025	1,528	1,484	1,234	1,033	847	755	723	621	9/4
As percent of husbands in labor	İ											2.9
force	4.3	4.2	5.7	4.3	4.1	3.4	2.8	2.3	2.0	1.9	1.6	100.0
Percent	. 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
Wife or other member in labor force	49.0	49.7	51.4	50.9	53.2	54.4	54.6	50.1	56.3	51.7	51.7	56.
Wife only		32.1	34.1	34.1	32.3	36.6	36.7	31.9	36.7	36.9	36.2	41.
Wife and other member		8.0	6.5	8.6	9.0	7.7	7.8	10.4	9.1	7.3	8.3	7.0
Other member only	1	9.6	10.8	8.3	11.9	10.1	10.3	7.8	10.5	7.5	7.2	6.1
Wife or other member employed 3.		41.7	41.5	42.6	45.7	44.4	47.5	42.9	48.2	43.9	45.4	50.6
Wife or other member unem-	1		1	}	1			1	!			_
ployed (none employed)	8.2	7.9	9.9	8.3	7.5	10.0	7.2	7.2	8.1	7.7	6.2	5.4
Neither wife nor other member in la-		1		!	:		!	•		1		
bor force.	. 51.0	50.3	48.6	49.0	46.8	45.6	45 4	49.9	43.7	48.3	48.3	43.



Table 57. Employment status or husbands by employment status of other family members, March, 1959-82—Continued

Employment status of husband and other family members	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
HUSBAND IN LABOR FORCE 2												
Total:					ļ	1	1		!	i	1	1
Number	38,567	39,258	39,510	39,595	39.527	39,451	39.589	39,390	39,607	39,907	39,826	39,643
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wife or other mension in labor force		54.6	55.7	57.2	58.2	58.9	61.1	62.3	64.0	65.0	66.3	66.7
Wife only	34.7	35.1	36.0	37.4	39.1	39.3	40.9	41.7	43.7	44.8	45.9	46.9
Wife and other member	9.9	9.9	9.8	9.9	9.9	10.7	11.1	11.7	11.8	12.2	12.2	12.2
Other member only	9.6	9.6	9.9	9.8	9.2	8.9	9.1	8.8	8.5	8.1	8.1	7.6
Wife or other mumber employed 3 Wife or other member unemploy-	50.3	51.6	53.0	54.3	53.2	54.8	56.8	58.9	60.7	61.6	62.2	61.6
ed (none employed)	3.2	3.0	2.7	2.9	5.1	4.1	4.3	3.4	3.4	3.4	4.1	5.1
Neither wife nor other member in labor force	46.5	45.4	44.0	40.0	0							<u> </u> 
HUSBAND EMPLOYED 2	40.5	45.4	44.3	42.8	41.8	41.1	38.9	37.7	35.9	35.0	33.7	33.3
Total:												
Number	37.215	37.992	38,453	36,527	37,235	37,553	37,905	38,034	36.389	38,367	37,966	37.221
Percent		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wife or other member in labor force	53.4	54.5	55.7	57.2	58.0	58.9	61.2	62.3	64.2	65.1	66.2	66.5
Wife only	34.5	34.9	35.9	37.4	38.8	39.1	40.8	41.6	43.7	44.6	45.8	46.6
Wife and other member	9.1	9.9	9.9	9.9	10.0	10.8	11.2	11.9	11.9	12.2	12.3	12.3
Other member only	9.6	9.7	9.9	9.9	9.2	9.0	9.2	6.8	8.6	8.2	8.2	7.6
Wife or other member employed *	50.4	51.7	53.1	54.5	53.5	55.0	57.2	59.1	60.9	62.0	62.4	62.0
Wife or other member unemploy-									33.5	0L.0	VE. 4	02.0
ed (none employed)	3.0	2.6	2.6	2.7	4.5	3.8	4.0	3.2	3.2	3.2	3.8	4.5
Veither wife nor other member in						ļ		İ				
labor force	46.6	45.5	44.3	42.8	42.0	41.1	38.8	37.7	35.8	34.9	33.8	33.5
HUSBAND UNEMPLOYED												
Total:		i	!	I	į		I	!		i		
Number	1,352	1,265	1,058	1,069	2,293	1,898	1,684	1,358	1,219	1,540	1,860	2,422
_ force	3.5	3.2	2.7	2.7	5.8	4.8	4.3	3.5	3.1	3.9	4.7	6.1
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wife or other member in labor force	57.2	56.4	55.8	56.7	61.2	60.6	58.7	62.2	60.3	62.6	66.7	69.2
Wife only	41.2	40.6	40.6	39.3	44.6	44.6	41.9	45.8	44.2	45.2	49.4	51.7
Wife and other member	10.5	75	7.8	8.5	8.6	9.1	9.4	8.6	10.5	11.1	10.5	10.6
Other member only	5.5	8.3	7.1	8.9	8.1	6.9	7.3	7.8	5.8	6.2	69	6.6
Wife or other member employed *	49.1	47.7	48.7	48.5	47.5	50.8	49.3	53.4	51.6	53.2	56.7	54.3
Wife or other member unemploy-	ĺ			10.0	77.10	30.0	40.0	50.4	· · · · ·	30.2	30.7	J=.J
ed (none employed)	8.1	8.7	6.6	8.2	13.7	9.8	9.4	8.8	8.6	9.4	10.1	14.7
leither wife nor other member in	ļ	į	[			į			-	ļ	ļ	
labor force	42.8	43.6	44.4	43.3	38.8	39.3	41.3	37.8	39.7	37.4	33.2	30.8

<sup>&</sup>lt;sup>1</sup> The number of men in husband-wife families shown here is smaller than the number shown as married with spouse present in other tables because it excludes married couples living in households where a relative is the householder.



<sup>&</sup>lt;sup>2</sup> includes member8 of the Armed Forces living off post or with their families on post.

 $<sup>^{\</sup>rm 3}$  This category may also include a wife or other member who is unemployed.

Table 58. Number of earners in families by relationship, type of families, and median family income, 1967-81

Number of earners and relationship	1967	1968	1969	1970	1971	1972	1973
			Number of	families (in tho	usands)		
MARRIED-COUPLE FAMILIES		<u> </u>				1	
MANNIED-COOPLE PAMILIES				44000	45.000	46,594	47,18
Total	43,292	43,642	44,436	44.832	45,939	40,384	47,100
No earners	2,943	2,866	3,022	3,252	3,471	3.632	4,02
One earner	16,490	18,375	16,268	16,117	16,847	16,787	16,080
Husband	15,429	15,310	15,133	14,931	15,502	15,387	14,54
Wife,	716	730	797	867	1,004	1,003	1,110
Other family member	345	335	339	320	340	398	42:
Two earners	17,419	18,022	18,267	18,592	18,805	19,413	20,05
Husband and wife	13,893	14,877	15,007	15,265	15,467	16,206	16,77
Husband and other family member	3,268	3,116	3,043	3,085	3,108	2,969	2,99
Husband is not earner	258	228	218	242	231	238	27
	8 400	6,557	6,876	6.872	6,816	6,762	7.02
Three or more parners	6,439			5,245	5.174	5,073	5,37
Husband and wife	4,994	5,066	5,320	1.537	1.543	1.584	1,53
Husband an earner, not wife	1,371	1,406	1,474			105	11:
Husband is not an earner	74 i	66	84	90	100	105	11.
OTHER FAMILIES		1		į	!	1	
Maintained by women 1	5,333	5,439	5,580	5,968	6,226 j	6.860	6,67
No earners	1,074	1,130	1,195	1,326	1,511	1,649	1,70
One earner	2,304	2,441	2,471	2,648	2,707	3,002	3,07
Householder	1,476	1,605	1,698	1,919	1,917	2,149	2,25
Other family member	626	836	773	729	790	853	82
Two or more earners	1,424	1,869	1,913	1,993	2,008	2,008	2,09
Householder and other family mem-		İ	-	Ì	i .	•	
ber(s)	1,200	1,612	1,635	1,714	1,747	1,710	1,82
Householder is not an earner	225	256	278	278	261	298	27
Maintained by men 1	1,210	1,229	1,221	1,261	1,356	1,461	1,44
No earners	129	128	119	132	156	159	12
One earner	512	494	512	530	635 :	624	61
Householder	395	378	390	414	482	494	47
Other family member	117	117	122	115	153	130	14
Two or more earners	568	607	589	600	567 i	677	70
Householder and other family mem-	550				į	į.	
ber(s)	535	575	555	555	515	631	65
Householder is not an earner	33	32	34	45	52	46	4



Table 58. Number of earners in families by relationship, type of families, and median family income, 1967-81—Continued

Number of earners and relationship	1967	1968	1969	1970	1971	1972	1973
			Median far	mily income (in	dollars)		
MARRIED-COUPLE FAMILIES							
otal	\$8,441	\$9,143	\$10,001	\$10,508	\$10,975	\$11,879	\$12,99
No sarners	2.648	3,127	3.369	2014	4.070		
One sarner	7,431	7.902		3,611	4,070	4,445	4,84
Husband	7,579	• • •	8,637	8,937	9,437	10,303	11,21
Wife		8,058	8,805	9,151	9,602	10,581	11,493
Other family member	4,555	5,179	5,694	5,858	6,451	6,861	7,574
Outer lamily member	6,160	7,189	7,341	7,456	7,941	8,943	10,370
Two sarners	9,229	9,960	10.831	11,440	12,026	13,022	14,110
Husband and wife	9,083	9,861	10,662	11,260	11,856		
Husband and other family member	10.033	10,623	11,986	12.651		12,839	13,920
Husband is not an earner	7,238	7.841	8,680	9,610	13,257 9,148	14,282	15,75
	,,200	7,041	8,000	9,010	8,140	10,409	11,30
Three or more earners	12,056	13.090	14,396	15 500	46 400	40.000	
Husband and wife	12,113	13,142	14,368	15,529	16,423	18,369	19,64
Husband an earner, not wife	12.054	13,172		15,458	16,550	18,435	19,69
Husband is not an earner	(2)		14,638	16,186	16,313	18,432	19,768
	(-)	9,083	11,954	10,974	12,450	13,701	14,044
OTHER FAMILIES	ļ						
Maintained by women 1	4,294	4,477	4.821	5.088	5,102	5.325	5.774
No earners	2,025	2,191	2,352	2,586	2,601	2.847	3,176
One samer	4,086	4,350	4,631	4,958	5,153	5,357	5,740
Householder	3,819	4,001	4,310	4,725	4,954		•
Other family member	4.667	5.005	5.594	5,632	- 1	5,095	5,407
	4,50,	3,003	5,554	5,632	5,731	6,226	6,655
Two or more earners	6,617	7,187	7,840	8.334	8,412	9,444	9.739
Householder and other family mem-					9,112	5,444	0,700
ber(s)	6,533	7.210	7,764	8,276	8.436	9.377	9.885
Householder is not an earner	7,313	7,025	8,727	8,987	8,175	9,906	8,710
Maintained by men 1	6.040	7.004					
No earners	6,813	7,321	8,340	9,004	8,709	10,285	10,714
One german	1,980	2,376	2,595	2,991	3,455	3,490	3,718
One earner	6,159	6,821	7,675	8,202	8,166	9,367	9,357
Householder	6,317	6,891	7.959	8,336	8,550	9,581	9,974
Other family member	5,600	6,489	7,146	7,883	7,070	8,477	7,265
Two or more earners	8.894	9,284	10.718	10.771	10 072	10.015	40 555
Householder and other family mem-	0,004	3,204	10,718	10,771	10,872	12,315	12,583
ber(s)	9,165	9,321	10.674	40.757	40.000		
Householder is not an earner	•		10,671	10,757	10,883	12,335	12,593
See footnotes at end of table.	( <u>*)</u>	(²)		(")	(²)	(*) ¦	(*)

See footnotes at end of table.



1

Table 58. Number of earners in families by relationship, type of families, and median family income, 1967-81—Continued

Number of earners and relationship	1974	1975	1976	1977	1978	1979	1980	1981
			Num	ber of families	(in thousand	js) 		
MARRIED-COUPLE FAMILIES					l	1	i :	
		! :				1	!	
Total	47,438	47,878	48,150	48,131	48,532	49,132	49,316	49,669
No earners	4,325	4,943	4,962	5,177	5,226	5,559	5,903	6,213
One earner	15,795	16,217	15,630	15,119	14,456	13,912	13,900	13,832
Husband	14,122	14,343	13,690	13,153	12,434	11,934	11,621	11,524
Wife	1,216	1,394	1,424	1,456	1,509	1,499	1,707 ¦	1,680
Other family member	457	481	516	512	513	480	573	628
Two earners	20,108	20,239	20.854	20,999	21,946	22,359	22,446	22,613
	16,915	17.204	17,758	17.950	19.063	19,645	19,742	19,960
Husband and wife	2.889	2.652	2,623	2,641	2,434	2,287	2,285	2,141
Husband and other family member	• • •	383	473	407	450	428	419	512
Husband is not an earner	306	303	4/3	707	750	720	7.0	
Three or more earners	7,211	6,478	6,705	6,836	6,904	7,301	7,067	7,011
Husband and wife	5,536	5,134	5,346	5.524	5,592	5,950	5,815	5,769
Husband an earner, not wife	1,553	1,209	1,206	1,171	1.175	1,189	1,095	1,071
	123	137	154	141	138	163	157	172
Husband is not an earner	123	107	104					
OTHER FAMILIES						į		
Maintained by women 1	7,330	7,587	7,836	8,376	8,616	9.009	9,416	9,712
No earners	1,788	2.007	2,097	2,129	2,003	2,084	2,216	2,385
One earner	3,361	3,597	3.584	3.950	4,205	4,391	4,612	4,680
Householder	2,500	2,713	2,731	3.064	3,266	3,455	3,620	3,644
Other family member	861	883	852	886	939	936	992	1,036
Other lamily member	801	900	332					
. Two or more earners	2,182	1,984	2,155	2,297	2,408	2,534	2,589	2,648
Householder and other family mem-		4 700	4 005	2016	2,138	2,246	2,269	2,380
ber(s)	1.898	1,732	1,885	2,016	_·	288	320	262
Householder is not an earner	284	250	270	281	270	200	320	202
Maintained by men 1	1,513	1,460	1,519	1,616	1,679	1,769	1,969	2,009
No earners	163	176	208	202	194	225	244	250
One earner	641	696	69€	715	755	788	891	900
Householder	510	522	549	575	600	634	726	730
Other family member	132	174	147	141	155	154	165	170
Two or more earners	708	588	613	698	728	755	835	84
Householder and other family mem-		Ì	İ				700	00
ber(s)	677	550	582	664	685	710	792	80
Householder is not an earner	31	38	31	34	44	45,	43	4



Table 58. Number of earners in families by relationship, type of families, and median family income, 1967–81—Continued

Number of earners and relationship	1974	1975	1976	1977	1978	1979	1980	1981
			Med	lian family inc	ome (in dolla			
					Ţ			
MARRIED-COUPLE FAMILIES								
Total	\$13,809	\$14,819	\$16,297	\$17,859	\$19,342	<b>\$</b> 21,545	<b>\$</b> 23,263	\$25.06
No earners	5.530	5,921	0.505	0.050	- 0-0 !			
One earner	11.943		8,585	6,953	7,870	8,855	10,187	11,29
Husband		12,689	13,816	15,012	18,581	18,073	19,368	20,641
Wile	12,348	13,117	14,409	15,777	17,431	18,850	20,472	21,702
Wife	8,238	8,752	9,312	10,467	11,168	12,527	13,812	15,245
Other family member	11,859	11,317	12,153	12,193	13,221	17,072	16,148	18,851
Two earners	15.095	18,583	17,919	19.373	21,179	23,474	25.684	00.004
Husband and wife	14.859	18,596	17,702	19,111				28,095
Husband and other family member	17.323	18.428	20,816	• •	20,928	23,308	25,466	27,969
Husband is not an earner				22,203	24,021	26,361	28,462	30,936
1	11,651	14,591	13,351	15,416	18,002	18,957	21,142	21,157
Three of more earners	20.962	22.563	24.527	27,097	30,055	20.050	20.450	
Husband and wife	21,030	22,544	24,515	26,914		32,958	38,152	39,333
Husband an earner, not wife	20,980	23.504			29,946	32,811	38,147	39,345
Husband is not an earner	15.044		25,445	28,589	31,067	34,725	37,734	41,378
Tradation in the different in the same in	15,044	15,229	20,102	20,166	26,894	24,964	27,951	27,073
OTHER FAMILIES							į	
Maintained by women 1	8,386	0.010	7.470					
No earners		8,812	7,173	7,722	8,488	9,719	10,233	10,802
One correct	3,355	3,575	3,779	3,892	4,065	4,245	4,494	4,757
One earner	6,299	7,061	7,475	7,934	8,287	9,513	10.350	10,988
Householder	5,929	6,797	7,238	7,871	8,022	9,181	10,117	10,766
Other family member	7,892	8,054	8,458	8,786	9,392	11,157	11,586	11,867
Two or more earners	10,460	12.196	12,371	13,872	15,822	16,937	18,873	19.884
Householder and other family mem-		12,100	.2,0	10,072	13,022	10,837	10,073	18,004
ber(s)	10.479	12,189	12,260	13,815	45.044	46.000	40.740	40 -00
Householder is not an earner	10,381	12,306	13,638	14,353	15,811 15,721	16,889 17,316	18,712 18,270	19,703 23,040
Maintained by men 1	11,702	40.055	40.040					
No earners		12,955	12,813	14,484	15,960	16,533	17,743	19,771
	3,989	4,876	5,720	5,583	6,149	7,241	7,790	8,787
One earner	10,782	11,967	11,888	13,054	13,704	14,347	15,577	18,729
Householder	10,902	12,460	12,241	13,770	13,935	14,438	16,066	19,910
Other family member	9,917	10,109	10,581	9,798	13,018	14,089	13,822	14,584
Two or more earners	15,007	18.517	16,669	18.814	21,952	22,936	23,785	25.283
Householder and other family mem-	i				,002	22,300	20,700	23,203
ber(s)	14.996	16.717	16,704	18,541	22 126	22 004	00.000	05.040
Householder is not an earner	(2)	(2)			22,136	23,001	23,928	25,349
The second secon	(-)	(-)	( <sup>2</sup> )	(*)	(*)	(* )	(*)	(²)

 $<sup>^{\</sup>mathrm{t}}$  Families maintained by widowed, divorced, separated, or single persons

NOTE: Data on number and type of families are collected in March of the subsequent year. Income and earner status refer to the preceding calendar year.



<sup>&</sup>lt;sup>2</sup> Data not shown where base is less than 75,000.

Table 59. Workweek of full-time nonfarm wage and salary workers by usual number of days and hours worked, May, 1973-80

(in thousands)

Days and hours worked	1973 1	1974 1	1975 1	1976 1	1977 1	1978	1979	1980
Total, 16 years and over	58,484	59,187	57,507	59,392	61,596	63,726	67,513	66,954
Fewer than 5 days	974	1.096	1,234	1,242	1,382	1,383	1,490	1,809
35–39 hours	280	334	396	377	406	439	405	453
40 hours	422	466	546	563	619	605	693	981
41-48 hours	128	126	129	128	144	178	169	193
49-59 hours	80	95	97	88	113	75	127	93
60 hours or more	65	76	67	87	99	65	97	89
5 days	47,579	48,807	48.277	49,646	51,070	52,891	56,393	57,031
35-39 hours	4.592	4,430	4,707	4,865	4,935	4,887	5,155	5,3 <b>26</b>
40 hours	37,016	38,263	37,708	38,706	39,571	40,939	43,611	44,362
41-48 hours	3.294	3,282	3,119	3,251	3,573	3,689	4,062	3,955
49–59 hours	2,205	2,343	2,190	2,333	2,389	2,710	2,875	2,728
60 hours or more	472	490	553	491	602	665	690	660
5 1/2 days	2,757	2,548	2,265	2,300	2,292	2,470	2,371	2,082
35-39 hours	64	68	57	75	60	63	53	41
40 hours	357	327	339	327	350	374	424	432
41-48 hours	1,183	1,145	923	1,021	927	964	892	733
49-59 hours	923	793	746	689	748	860	799	692
60 hours or more	231	215	200	188	206	208	203	183
6 days	6,141	5,703	4,780	5,191	5,707	5,767	5,995	4,903
35-39 hours	264	230	249	276	294	334	276	245
40 hours	752	701	700	661	740	805	885	887
41–48 hours	2,407	2.136	1,545	1,836	1,997	1,950	1,895	1,430
49-59 hours	1,462	1,435	1,128	1,340	1,541	1,406	1,582	1,270
60 hours or more	1,256	1,201	1,138	1,079	1,135	1,272	1,357	1,066
• dama	1,033	1.033	971	1,013	1,146	1,215	1,265	1,130
7 days	33	28	33	36	36	38	31	33
35-39 hours	113	112	129	146	169	173	187	15°
40 hcurs	94	68	82	99	90	80	94	70
41–48 hours	272	328	273	288	345	296	340	293
49-59 hours	2/2 518	325 499	454	444	505	628	613	583
60 hours or more	516	488	454			]		

<sup>&</sup>lt;sup>1</sup> Excludes private household workers for the years 1973-77.

Note: Due to the absence of 1980 census population controls, data in tables 59 through 62 have not been adjusted back to 1973.



Table 60. Number and percent of full-time nonfarm wage and salary workers by shift, sex, and race, May, 1973-80

Sex, race, and year		Number (thousands)						Percent distribution				
	Totai	Day	Shift workers				Total	_	Shift workers			gan
			Total	Eve- ning	Night	Miscel- laneous	Ì	Day	Total	Eve- ning	Night	Miscel- laneou
TOTAL											[	
973	55.842	46,566	9,276	4,167	1,782	3,327	100.0	83.4	16.6	7.5	3.2	6.0
974		47,245	8,750	4,516	1,875	2,359	100.0	84.4	15.6	8.1	3.3	4.
									[		ļ	
975	54,568	46,030	8,537	4,307	1,761	2,469	100.0	84.4	15.6	7.9	3.2	4.
976		47,496	8,937	4,569	1,833	2,535	100.0	84.2	15.8	8.1	3.2	4.
977		49,382	9,592	4,871	2,021	2,700	100.0	83.7	16.3	8.3	3.4	4.
978		50,740	9,810	4,918	2,086	2,806	100.0	83.8	16.1	8.1	3.4	4.
979		53,746	10,264	5,168	2,200	2,896	100.0	84.0	16.0	8.1	3.4	4.
980	. 63,914	54,170	9.744	4,954	2,026	2,764	100.0	84.8	15.2	7.8	3.2	4.
Men												
973	36,432	29,631	6,801	2,935	1,343	2,523	65.2	53.1	12.2	5.3	2.4	4.
974		30,042	6,393	3,152	1,401	1,840	65.1	53.6	11.4	5.6	2.5	3.
											1	1
975		29,084	6,172	3,018	1,300	1,854	64.6	53.3	11.3	5.5	2.4	3.
976	. 35,992	29,521	6,470	3,197	1,365	1,908	63.8	52.3	11.5	5.7	2.4	3.
977		30,536	6,852	3,270	1,507	2,075	63.4	51.8	11.6	5.5	2.6	3.
978		31,266	7,006	3,352	1,519	2,135	63.2	51.6	11.5	5.5	2.5	3.
979		32,817	7,279	3,585	1,577	2,117	62.6	51.3	11.4	5.6	2.5	3.:
980	. 39,153	32,466	6,687	3,245	1,417	2,025	61.3	50.8	10.5	5.1	2.2	3.
Women									ļ			1
973	19,409	16,935	2,474	1,231	439	804	34.8	30.3	4.4	2.2	.8	1.4
974		17,204	2,356	1,363	474	519	34.9	30.3	4.1	2.4	.8	":
<i>91</i> 4	. 18,500	17,204	2,330	1,505	7/7	318	34.8	30.7	7.1	2.7	.0	'
975	. 19.311	16,946	2,365	1,288	462	615	35.4	31.1	4.3	2.4	.8	1.
976		17,975	2,465	1,371	468	626	36.2	31.9	4.3	2.4	.8	1.1
977		18,846	2,741	1,601	515	625	36.6	32.0	4.7	27	.9	1.1
978		19,474	2,804	1,566	567	671	36.8	32.2	4.6	2.6	.9	i.
979		20,929	2,982	1,582	622	778	37.4	32.7	4.7	2.5	1.0	1.3
980		21,704	3,056	1,709	609	738	38.7	34.0	4.8	2.7	1.0	1.2
	] - "," - "	,	,	.,,,,,,,,	***					_		İ
WHITE		44 =40				0.00=	400.0	20.0	40.4			٠,
973		41,713	8,018	3,540	1,491	2,987	100.0	83.9	16.1	7.1 7.6	3.0	6.0
974	. 49,676	42,163	7,515	3,785	1,590	2,140	100.0	84.9	15.1	7.0	3.2	•••
975	48,612	41,254	7,358	3,610	1,500	2,248	100.0	64.9	15.1	7.4	3.1	4.6
976		42,488	7,644	3,790	1,528	2,326	100.0	84.8	15.2	7.6	3.0	4.0
977		44,051	8,260	4,101	1,671	2,488	100.0	84.2	15.8	7.8	3.2	4.8
978		45,140	8,416	4,113	1,762	2,541	100.0	84.3	15.7	7.7	3.3	4.7
979	56,328	47,509	8,819	4,331	1,849	2,639	100.0	84.3	15.7	7.7	3.3	4.
980		48,036	8,340	4,115	1,713	2,512	100,0	85.2	14.8	7.3	3.0	4.5
	1	,		.,	.,	-,						
Men		00.040				0.004		540	400	٠.		
973		26,840	5,987	2,529	1,157	2,301	66.0	54.0	12.0	5.1	2.3 2.4	3.4
974	. 32,735	27,151	5,583	2,675	1,209	1,699	65.9	54.7	11.2	5.4	2.4	3.•
075	21 010	26.415	E 402	2554	1 121	1 710	ee e	542	11.1	5.3	2.3	3.5
975976		26,415	5,403	2,554	1,131	1,718	65.5	54.3		5.4	2.3	3.5
		26,755 27.648	5,631	2,887	1,169	1,775	64.6	53.4	11.2	5.4	2.5	3.7
077		28,221	6,026 6,159	2,819 2,870	1,285 1,324	1,922 1,965	64.4 64.2	52.9 52.7	11.6	5.4	2.5	3.7
	24 200		0,138		1,357	1,943	63.6	52.3	11.3	5.5	2.4	3.4
978			6 377			, 1,040	• - :		10.4	4.9	2.2	3.3
978 979	35,844	29,467	6,377 5,878	3,077		1 868	R24					
978979980	35,844		6,377 5,878	2,772	1,238	1,868	62.4	51.9		]		;
978979980	35,844 35,155	29,467 29,277	5,878	2,772	1,238							
978999980	35,844 35,155	29,467 29,277 14,873	5,878 2.031	1.011	1,238 334	686	34.0	29.9	4.1	2.0	.7	1
978999980	35,844 35,155	29,467 29,277	5,878	2,772	1,238							1
978	35,844 35,155 16,904 16,943	29,467 29,277 14,873 15,012	5,878 2.031 1,932	1.011 1,110	1,238 334 381	686 441	34.0 34.1	29.9 30.2	4.1 3.9	2.0 2.2	.7	
978	35,844 35,155 16,904 16,943 16.795	29,467 29,277 14,873 15,012 14,839	5,878 2.031 1,932 1,955	1.011 1,110 1,056	1,238 334 381 369	686 441 530	34.0 34.1 34.5	29.9 30.2 30.5	4.1 3.9 4.1	2.0 2.2 2.2	.7	. <b>.</b> 1.1
978	35,844 35,155 16,904 16,943 16,795 17,746	29,467 29,277 14,873 15,012 14,839 15,733	5,878 2.031 1,932 1,955 2,013	1.011 1,110 1,056 1,103	334 381 369 359	686 441 530 551	34.0 34.1 34.5 35.4	29.9 30.2 30.5 31.4	4.1 3.9 4.1 4.0	2.0 2.2 2.2 2.2	.7 .8 .8	1.4 .8 1.1
973	35,844 35,155 16,904 16,943 16,795 17,746 18,636	29,467 29,277 14,873 15,012 14,839 15,733 16,403	2.031 1,932 1,955 2,013 2,233	1,011 1,110 1,056 1,103 1,282	334 381 369 359 385	686 441 530 551 566	34.0 34.1 34.5 35.4 35.6	29.9 30.2 30.5 31.4 31.4	4.1 3.9 4.1 4.0 4.3	2.0 2.2 2.2 2.2 2.5	.7 .8 .8 .7	1.1 1.1 1.1
978	35,844 35,155 16,904 16,943 16,795 17,746 18,636 19,175	29,467 29,277 14,873 15,012 14,839 15,733	5,878 2.031 1,932 1,955 2,013	1.011 1,110 1,056 1,103	334 381 369 359	686 441 530 551	34.0 34.1 34.5 35.4	29.9 30.2 30.5 31.4 31.4 31.6	4.1 3.9 4.1 4.0	2.0 2.2 2.2 2.2	.7 .8 .8 .7 .7	1.1 1.1 1.1



Table 60. Number and percent of full-time nonfarm wage and salary workers by shift, sex, and race, May, 1973-80—Continued

			Numb	er (thou	ands)			_	Perc	ent distri	bution	
Sex, race, and year	Total			Shift v	vorkers		Total			Shift	workers	
		Day	Total	Eve- ning	Night	Miscel- laneous		Day	Total	Eve- ning	Night	Miscel- laneous
BLACK <sup>1</sup>												
973	5,410	4,259	1,150	576	273	301	100.0	78.7	21.3	10.7	5.0	5.6
974	5,550	4,449	1,102	638	271	193	100.0	80.2	19.9	11.5	4.9	3.5
975	5,170	4,131	1,038	622	250	166	100.0	79.9	20.0	12.0	4.8	3.2
976	5,400	4,262	1,137	678	272	187	100.0	78.9	21.1	12.6	5.0	3.5
977	5,741	4,561	1,181	669	327	185	100.0	79.4	20.8	11.7	5.7	3.2
978	5,983	4,766	1,217	701	296	220	100.0	79.7	20.3	11.7	4.9	3.7
979	6,525	5,250	1,275	743	321	211	100.0	80.5	19.5	11.4	4.9	3.2
980	6,369	5,171	1,198	720	269	209	100.0	81.2	18.8	11.3	4.2	3.3
Men												
973	3,192	2,455	737	365	177	195	59.0	45.4	13.8	6.7	3.3	3.8
974	3,231	2,515	716	415	181	120	58.2	45.3	13.0	7.5	3.3	2.2
975	2,969	2,285	684	423	181	100	57.4	44.2	13.2	8.2	3.1	1.9
976	3,067	2,331	736	442	179	115	56.8	43.2	13.6	8.2	3.3	2.1
977	3,181	2,436	745	398	214	133	55.4	42.4	12.9	6.9	3.7	2.3
978	3,317	2,573	745	427	183	135	55.4	43.0	12.5	7.1	3.1	2.3
979	3,822	2,813	809	461	204	144	55.5	43.1	12.4	7.1	3.1	2.2
980	3,377	2,675	702	413	160	129	53.0	42.0	11.0	8.5	2.5	2.0
Women												
973	2,218	1,804	415	212	97	106	41.0	33.3	7.7	3.9	1.8	2.0
974	2,319	1,934	385	222	90	73	41.8	34.9	6.9	4.0	1.8	1.3
975	2,201	1,848	354	199	89	66	42.8	35.7	8.8	3.8	1.7	1.3
976	2,333	1,932	401	238	93	72	43.2	35.8	7.4	4.4	1.7	1.3
977	2,561	2,125	438	271	113	52	44.8	37.0	7.8	4.7	2.0	.9
978	2,665	2,193	473	274	113	86	44.8	36.7	7.9	4.8	1.9	1,4
979	2,902	2,438	466	282	117	67	44.5	37.3	7.1	4.3	1.8	1.0
980	2,991	2,496	495	307	109	79	47.0	39.2	7.8	4.8	1.7	1.2

<sup>&</sup>lt;sup>1</sup> Data refer to black workers only.



Table 61. Percent of full-time wage and salary workers who worked long hours and received premium pay by occupation and industry, May, 1973-80

Occupation and industry			Work	ed 41 h	ours or	more					Rec	eived p	remium	pay		
	1973	1974	1975	1976	1977	1978	1979	1980	1973	1974	1975	1976	1977	1978	1979	198
OCCUPATION																
Vhite-collar workers	28.6	27.9	26.4	25.9	27.5	28.0	26.5	24.2	21.9	23.2	20.8	21.2	23.0	24.4	23.9	23.
Professional and technical	29.7	29.8	27.C	26.0	28.1	29.2	26.8	24.0	16.6	18.9	18.7	16.4	18.8	20.2	21.0	21.
Managers and administrators, ex-															•	
cept farm	47.7	46.1	45.2	44.8	45.5	44.9	44.3	41.4	12.8	12.7	11.6	11.3	12.1	12.9	12.0	12
Sales workers	40.0	35.3	36.9	35.1	37.1	36.6	34.5	31.6	13.2	14.7	14.5	15.3	14.7	15.8	15.0	13
Clerical workers	13.2	13.2	11.5	12.0	13.2	14.2	12.6	11.8	59.0	60.1	57.5	56.9	60.3	60.8	62.8	58
llue-collar workers	30.2	27.4	23.0	26.3	28.1	27.8	27.5	22.5	70.8	69.0	64.2	68.0	70.7	70.1	70.7	69
Craft and kindred workers	32.4	30.4	24.7	27.2	29.5	30.6	30.4	25.1	65.5	65.4	61.7	62.5	65.7	65.2	66.7	85
Operatives, except transport	26.2	22.6	18.2	22.7	24.2	23.7	22.6	18.0	85.9	82.9	77.9	84.3	83.5	85.1	84.5	84
Transport equipment operatives	42.4	41.5	36.0	41.3	40.0	40.5	40.8	33.0	54.5	54.4	48.9	53.0	57.4	52.8	55.9	52
Nonfarm laborers	25.1	21.4	20.0	20.8	24.0	20.0	20.8	17.3	67.4	64.1	63.2	64.0	72.8	73.3	71.8	69
ervice workers	23.8	21.9	20.9	20.0	20.3	19.1	18.6	16.8	25.7	30.5	31.0	30.0	36.2	41.4	37.0	40
arm workers	59.3	61.8	59.8	61.9	58.1	50.8	57.6	47.8	5.1	8.4	8.6	10.1	8.5	7.6	6.9	10
INDUSTRY																
loods-producing industries	30.0	27.7	23.4	26.6	28.6	28.0	27.5	23.5	63.9	60.5	53.7	60.4	62.0	61.1	61.4	56
Agriculture	54.6	54.7	55.9	56.8	53.1	47.4	53.2	46.4	7.9	10.4	11.6	13.4	10.9	14.0	12.2	13
Mining	38.4	41.7	36.6	34.1	34.5	40.9	34.8	37.5	65.8	64.8	57.5	57.4	64.5	65.8	65.0	63
Construction		21.8	20.9	21.4	23.9	22.3	21.4	20.6	56.6	53.1	52.2	52.6	55.9	55.1	54.5	51
Manufacturing	30.1	27.3	21.5	25.7	28.0	27.7	27.1	22.3	69.9	66.7	59.9	67.3	68.4	66.7	67.9	61
ervice-producing industries	28.5	27.4	26.0	25.4	26.6	26.9	25.8	22.9	27.3	28.9	26.9	26.6	29.6	31.3	30.4	30
Transportation and public utilities	27.1	26.2	23.3	24 1	26.1	28.7	29.1	23.6	53.6	53.2	48.4	44.1	51.1	49.8	49.7	52
Wholesale and retail trade	39.3	37.1	35.9	35.7	36.6	35.8	34.6	31.4	27.5	30.0	28.3	28.5	31.0	32.0	32.0	31
Finance, insurance, and real es-				••••			•		2	00.0			0	J	52.0	_
tate	21.7	20.4	21.8	20.5	22.2	21.8	20.9	18.2	16.2	21.2	19.8	18.4	19.3	21.3	20.4	20
Services	26.2	25.9	24.0	22.7	23.7	24.3	22.9	20.5	18.8	19.9	18.8	19.0	22.0	24.0	21.6	23
Public administration	17.1	17.0	15.5	15.5	16.6	16.7	15.7	15.5	36.9	34.6	35.9	37.5	36.2	43.4	40.7	40
Federal 1	15.0	13.5	11.4	13.4	14.8	15.2	14.6	15.2	58.1	57.3	53.1	58.8	53.0	58.7	52.3	51
State	15.8	14.7	14.3	11.4	11.1	12.1	9.7	10.3	24.0	16.5	11.2	17.9	18.9	31.0	41.5	30
Local	21.4	23.9	21.7	20.3	21.6	21.1	20.3	18.5	18.1	19.5	30.3	23.2	24.5	32.7	29.8	31

<sup>&</sup>lt;sup>1</sup> Includes postal service.



Table 62. Absence rates for full-time nonagricultural wage and salary workers by reason for absence, May, 1973-80

[Numbers in thousands]

Measure	1973	1974	1975	1976	1977	1978	1979	1980
ABSENT WORKERS							ļ	
Total working	55,283	56,248	54,700	56,414	58,422	60,153	64,810	64,043
Total absent	3,614	3,499	3,332	3,630	3,802	3,966	4,336	3,926
Total incidence rate 1	6.5	6.2	6.1	6.4	6.5	6.6	6.7	6.1
Ilinesses or injuries	4.1	3.7	3.7	4.0	3.9	4.1	3.9	3.6
Miscellaneous reasons	2.4	2.5	2.4	2.5	2.6	2.5	2.8	2.6
HOURS LOST								
Weekly hours usually worked	2,344,970	2,382,300	<b>2,30</b> 3.410	<b>2,</b> 37 <b>4,9</b> 10	2,473,740	2,549,220	2,745,060	2,693,930
Weekly hours lost	81,549	79,706	78,873	82,222	87,487	89,888	94,641	89,823
Total inactivity rate *		3.3	3.4	3.5	3.5	3.5	3.4	3.3
illnesses or injuries	2.4	2.2	2.3	2.3	2.3	2.3	2.2	2.1
Miscellaneous reasons	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2

<sup>&</sup>lt;sup>1</sup> Number of workers absent + total employed = 100.

standard Bureau of the Census procedures. For further information, see "Computer Method to Process Missing Income and Work Experience Information in the Current Population Survey" by Emmett F. Spiers and Joseph J. Knott, American Statistical Association, *Proceedings of the Social Statistics Section, 1969.* 



<sup>\*</sup> Number of hours absent+number of hours usually worked=100.

NOTE: The universe for May 1979 and 1960 is not strictly comparable to that of previous years. Changes in the placement of questions on the questionnaire resulted in an increase in the response rate for usual hours. In addition, the remaining nonresponses were allocated in accordance with

Table 63. Employment status of the population 14 to 24 years old by school enrollment, sex, and age, October 1947-82

					Мє	n					Wor	nen		
		Total. 14 to	Total.	1:	to 17 ye			:	Total	14	to 17 ye	ars	•	•
	School enrollment and year	24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	18 to 19 years	20 to 24 years	Total, 14 to 24 years	Total	14 to 15 years	16 to 17 years	18 to 19 years	20 to 24 years
<b></b> .	•	•		•		. ;		•·	•	• •	/	,		• .
					Cı	vilian no	ninstitutio	onal popu	ilation (the	usands)				
	ENROLLED						-		!	1	-	ī I	•	•
947 .		8,927	4,898	3,364	(1)	(1)	587	. 947	4,029	3,373	(¹)	(1)	420	230
		9,061	5,015	3,436	(1)	(1)	682	898	4,046	3,388	(1)	(1)		200
949		8,846	4,866	3,447	(1)	(1)	593	. 827	3,981	. 3,331	(1)	, (¹)	435	, 215
		9,189	4,982	3,568	(1)		680	733	4,207	3,420	(1)	(1)	519	268
951 952.		9,036 9,40 <del>6</del>	4,750 5,000	3,614 3,758	(¹)	· (1)	534 612	602 630	4,286 4,406	3,602 3,682	(¹)	· (1)	440 450	24
953		9,700	5,122	3,844	2,214	1,630	642	636	4,579	3,695	2,145	1,550	538	340
954		10,052	5,410	4,002	2,232	1,770	730	677	4,642	3,782	2,145	1,637	538	, 32
955		10,212	5,534	4,096	2,285	1,811	752	686	4,677	3,873	2,231	1,642	480	! 324
1956		11,013	5,915	4,276	2,482	1,794	809	830	5,098	4,138		1,734	598	362
		11,812	6,323	4,646		1,917	780	897	5,489	4,421	2,599	1,822	629	439
		12,317 12,719	6,667 6,849	4,854 5,039	2,751 2,716	2,103 2,323	898 918	915 892	5,870	4,591 4,796	1 .	1,927 2,193	: 667 I 683	39: 39:
			•		•						1	:		•
		13,409 14,582	7,24 <i>7</i> 7,863	5,248 5,705	2,878 3,394	2,370 2,311	1,063 1,170	936 988	6,162 6,719	4,994 5,458	2,763 3,227	2,231 2,231	754 782	
962		15,609	8,421	6,032	3,576	2,456	1,212	1,177	7,188	5,708	3,422	2.286	932	548
	.,	16,592	8,947	6,402	3,466	2,936	1,180	1,365	7,645	6,115	3,347	2,768	881	648
1964		17,258	9,228	6,658	3,479	3,179	1,238	1,332	8,030	6,356	3,353	3,003	958	716
965.		18,323	9,861	6,613	3,546	3.067	1,689	1,559	8,462	6,420	3,434	2,986	1,241	801
		19,016	10,278	6,770	3,640	3,130	1,841	1,667		6,523	, 0,020	2,997	1,335	880
1967 1968		19,663 20,422	10,471 10,957	7,200	3,738 3,837	3,235 3,363	1,636 1,891	1,862 1,866	9,192 9,465	6,663 6,919	3,635 3,7 <i>2</i> 7	3,028 3,192	1,390 1,424	1,139 1,122
	.,	21,184	11,332	7,375	3,923		1,886	2,071	9,852		3,819	3,259	1,465	1,309
1970		21,479	11,414	7,531	3,994	3,537	1,822	; 2,061	10,065	7,267	: 3,878	3,389	1,502	1,296
1971.		22,350	11,899	7,732	4,084	3,647	1,942	2,226	10,451	7,439	3,967	3,472	1,617	1,395
1972		22,505	11,944	7,821	4,129	3.692	1,862	2,261	10,561	7,499	3,985	3,514	1,601	1,461
1973 1974.		22,422 22,893	11,815 11,935	7,881 7,956	4,156 4,207	3,724 3,749	1,791 1,742	2,143 2,237	10,607   10,958	7,550 7,675	3,986 4,063	3,584 3,612	.,	1,558 1,637
							 I	i			1	: [		
1975 1976		23,797 24,051	12,436 12,423	8,105 8,089	4,251 4,239	3,853 3,851	1,954 1,924	2,377 2,410	11,361 11,628	7,721 7,710	4,088	3,632 3,656	1,827 1,863	¹ 1,814 ∣ 2,054
1977		23,978	12,422	8.022	4,173	3,849	1,939	2,461	11,556	7,683	4,010	3,673	1.847	2,027
1978		27 842	12,198	7,914	4,091		1,925				3,943	3,701		
1979		23,337	11,999	7,793	3,959	3,834	1,899	2,307	11,338	7,405	3,712	3,603	1,822	2,111
1980		23,071	11,739	7,446	3,742	3,705	1,907	2,385	11,332	7,216	3,616	3,600	1,914	2.202
1981 1982	•	23,051 22,662	11,794 11,579	7,309 7,108	3,644 3,588	3,665 3,520	2,018 1,937	2,467 2,534	11,257 11,082	7,065 6,820	3,498 3,449	3,567 3,371	1,958 1,899	2,234 2,363
1 902		22,002	11,578	7,100	3,500	3,320	1,937	2,004	11,002	0,820	, 3,445	3,371	1,099	2,303
1947	NOT ENROLLED	15,330	6,808	900	(1)	( <sup>1</sup> )	1,282	4,626	8,521	855	: , (¹)	(¹)	1,848	5 818
1948		14,906	6,606	759				4,542	8,299	760	: (i)	(1)	1,770	5,770
1949		14,782	6,574	729	(1)	(¹) ·	1,286	4,558	8,208	797	(1)	(1)	1,748	5,664
1950		14,159	6,291	659	(¹)	(¹)	1,224	4,408	7,868	735	(1)	(¹)	1,613	5,520
1951		13.034	5,340	628	(¹)	(1)	1,114	3,598	7,694	628	(1)	(¹)	1,626	5,440
1952 1953		12,310 11,731	4,776 4,442	642 585	(¹) 83	(¹ ) 502	1,032 1,063	3,102 2,795	7,534 7,289	652 652	(¹) 75		1,590 1,542	5,292 5,0 <del>9</del> 4
1954		11,696	4,436	508	90 .		1,067	2,861	7,260	644			1,580	5,035
				,		•	'		J		90			4,997
955 956		11, <b>9</b> 80 11, <b>8</b> 33	4,655 4,706	526 524	103 - 74 -		1,018 984	3,111 3,198	7,326 7,127	67 <b>4</b> 602	80	584 522	1,655 1,587	4,938
957		11,917	4,794	455	57 ·	398	1,021	3,318	7,123	612	102	510	1,611	4,900
958		12,208	4,935	495	89 .	406	994	3,446	7,273	651	86	565	1,599	5,023
959		12.613	5,240	479	61	418	1,097	3,664	7,373	594	80	514	1,655	5,124
960		12,995	5,428	496	61 <sup>:</sup>	435	1,158	3,774	7,567	603	66	537	1,758	5,206
961		13,465	5,638 5,409	485 400	67	418	1,237	3,916	7,827	570 611	93	477 518	1,950	5,307
962 963		13,304 13,572	5,409 5,495	409 3 <b>9</b> 5	45 · 46	364 349	1,254 1,135	3,846 3,965	7,895 <del> </del> 8,077 :	611 563		516 496	1,831 1,847	5,453 5,667
J ~ U		14,163	5,857	397	34	363		4,264	8,306 i	567			1,884	



Table 63. Employment status of the population 14 to 24 years old by school enrollment, sex, and age, October 1947-82—Continued

		,	<b></b>	Me	n		,			Won	1 <b>en</b> ,	r	
	Total, 14 to	Total,	14	to 17 yea	ars			Total,	14	to 17 ye	ars	40.40	-00
School enrollment and year	24 years	14 to 24 years	Total	14 to 15 years	18 to 17 years	18 to 19 years	20 to 24 years	14 to 24 years	Total	14 to 15 years	18 to 17 years	18 to 19 years	20 24 yes
		<del></del>	<b></b>	Civilian r	noninstitu	itional po	pulation	(thousand	s)—Cont	inued			
NOT ENROLLED—Continued													
35	14,435	5,887	455	35	420	1,351	4,081	8,548	496	44	452	2,048	6,0
36		5,781	398	47	351	1,346	4,037	8,907	500	56	444	2,202	6,2
37		5,889	389	66	323	1,272	4,228	9,015	532	67	485	2,061	8,4
8	15,125	5,870	376	71	305	1,242	4,252	9,255	489	83	406	2,031	6,
39	15,550	8,084	390	75	315	1,288	4,406	9,466	527	72	455	2,040	6,
	:   18,793	8,912	410	72	338	1,527	4,975	9.881	512	77	435	2,107	7.
0		7,350	381	52	329	1,587	5,402	10,101	504	82	442	2,112	7,
<u>'1</u>	1 1	8,169	497	96	401	1,779	5,893	10,187	598	100	498	2,235	7.0
2	1	8,833	529	88	442	1,945	6,359	10,820	644	119	525	2,434	7,
3		9,078		87	483	2,062	8,447	10,825	821	87	534	2,402	7.
4	19,903	9,076	569	6/	403	2,002	0,777	10,023	ŲŁ I	0,	554		''
<b>'</b> 5	19,874	9.073	464	89	396	1,965	8,644	10,801	814	83	531	2,315	7,
8		9,402	466	60	405	2,066	8,870	10,790	603	91	512	2,339	7,
7		9,607	488	56	431	2,061	7,058	11,053	583	89	514	2,356	8,
8		9,962	518	65	450	2,095	7,351	11,256	531	62	469	2,392	8,
9		10,208	455	65	390	2,174	7,579	11,358	592	82	510	2,385	8,
<b>5</b>		10,000		-		_,		·	1				١_
0	21,522	10,293	503	48	455	2,141	7,649	11,229	538	84	454	2,272	8,
1	21,184	10,083	441	66	375	1,978	7,664	11,101	455	82	373	2,181	8,
2	20,934	9,996	384	49	335	2,024	7,588	10,939	438	58	380	2,183	8,
ENROLLED		(1)	744	415	(1)	149	(1)	(1)	393	(¹)	(1)	89	
!7	(1)	(1)	744 833	(1)		190	241	590	478	(1)	(1)	65	1
8		1,285	775	(1)	(¹)	183	258	680	502	èή	[ 65	106	i
9	1,877	1,197	//5	(1)	(1)	103	250	000	302	` ' '	` '		1
60	2,421	1,575	1,066	(¹)	(1)	245	264	846	814	(¹)	(1)	144	
i	2,290	1,428	1,012	(1)	(1)	172	244	882	656	(1)	(1)	126	1
2		1,310	946	(1)	(1)	192	172	870	512	(1)	(1)	78	
3		1,228	855	382	473	206	185	662	474	197	277	96	
4		1,496	1,031	482	589	200	265	836	592	203	389	128	
•	}								<b>604</b>		050	105	1
i5	2,708	1,601	1,185	510	875	330	286	905	634	282	352	135	1
i6	3,007	1,894	1,193	547	648	319	382	1,113	774	310	464	182	1
		1,990	1,278	582	894	299	415	1,171	795	310	485	187	
7								1,079	717	285	432 515	211 196	ł
57 58	3,118	2,037	1,278	514	782	309	452		070				i
57 58	3,118			514 574	782 779	330	445	1,245	872	357	1 313		
7	3,118 3,373	2,037 2,128	1,278 1,353	574	779	330	445	1,245					
57	3,118 3,373 3,390	2,037 2,128 2,171	1,278 1,353 1,386	574 580	779 806	330 371	445 414	1,245 1,219	841	338	505	210	,
7	3,118 3,373 3,390 3,551	2,037 2,128 2,171 2,223	1,278 1,353 1,386 1,352	574 580 617	779 806 735	330 371 382	445 414 489	1,245 1,219 1,328	841 900	338 439	505 461	210 235	
7	3,118 3,373 3,390 3,551 3,872	2,037 2,128 2,171 2,223 2,481	1,278 1,353 1,386 1,352 1,437	574 580 617 851	779 806 735 786	330 371 382 423	445 414 489 621	1,245 1,219 1,328 1,391	841 900 940	338 439 413	505 461 527	210 235 203	
77	3,118 3,373 3,390 3,551 3,872 4,220	2,037 2,128 2,171 2,223 2,481 2,711	1,278 1,353 1,386 1,352 1,437 1,597	574 580 617 851 608	779 806 735 786 989	330 371 382 423 433	445 414 489 621 681	1,245 1,219 1,328 1,391 1,509	841 900 940 1,007	338 439 413 348	505 461 527 859	210 235 203 253	
77	3,118 3,373 3,390 3,551 3,872 4,220	2,037 2,128 2,171 2,223 2,481	1,278 1,353 1,386 1,352 1,437	574 580 617 851	779 806 735 786	330 371 382 423	445 414 489 621	1,245 1,219 1,328 1,391	841 900 940	338 439 413	505 461 527	210 235 203	
77	3,118 3,373 3,390 3,551 3,872 4,220 4,315	2,037 2,128 2,171 2,223 2,481 2,711 2,732	1,278 1,353 1,386 1,352 1,437 1,597 1,846	574 580 617 851 608 812	779 806 735 786 989 1,034	330 371 382 423 433	445 414 489 621 681	1,245 1,219 1,328 1,391 1,509	841 900 940 1,007	338 439 413 348	505 461 527 859	210 235 203 253	
77	3,118 3,373 3,390 3,551 3,872 4,220 4,315 5,075	2,037 2,128 2,171 2,223 2,481 2,711 2,732 3,213	1,278 1,353 1,386 1,352 1,437 1,597 1,846	574 580 617 851 608	779 806 735 786 989	330 371 382 423 433 446	445 414 489 621 681 640	1,245 1,219 1,328 1,391 1,509 1,583	841 900 940 1,007 1,071	338 439 413 348 388	505 461 527 859 683	210 235 203 253 241	
57 58 59 50 51 52 53 54 55 56	3,118 3,373 3,390 3,551 3,872 4,220 4,315 5,075 5,284	2,037 2,128 2,171 2,223 2,481 2,711 2,732 3,213 3,278	1,278 1,353 1,386 1,352 1,437 1,597 1,846 1,838 1,808	574 580 617 851 608 812 898 604	779 806 735 786 989 1,034 1,140 1,204	330 371 382 423 433 446 611	445 414 489 621 681 640 764	1,245 1,219 1,328 1,391 1,509 1,583 1,862	841 900 940 1,007 1,071 1,185	338 439 413 348 388 410	505 461 527 859 683 775	210 235 203 253 241 360	
57 58 59 50 51 52 53 53 54 55 56 57	3,118 3,373 3,390 3,551 3,872 4,220 4,315 5,075 5,284 5,842	2,037 2,128 2,171 2,223 2,481 2,711 2,732 3,213 3,278 3,544	1,278 1,353 1,386 1,352 1,437 1,597 1,846 1,838 1,808 1,967	574 580 617 851 608 812 898 604 643	779 806 735 786 989 1,034 1,140 1,204 1,324	330 371 382 423 433 446 611 890	445 414 489 621 681 640 764 778	1,245 1,219 1,328 1,391 1,509 1,583 1,862 2,008	841 900 940 1,007 1,071 1,185 1,218	338 439 413 348 388 410 407	505 461 527 859 683 775 811	210 235 203 253 241 360 447	
57	3,118 3,373 3,390 3,551 3,872 4,220 4,315 5,075 5,284 5,842 8,187	2,037 2,128 2,171 2,223 2,481 2,711 2,732 3,213 3,278 3,544 3,808	1,278 1,353 1,386 1,352 1,437 1,597 1,846 1,838 1,808 1,967 2,042	574 580 617 851 608 812 898 604 643 717	779 806 735 786 989 1,034 1,140 1,204 1,324 1,325	330 371 382 423 433 446 611 890 656 811	445 414 489 621 681 640 764 778 921 955	1,245 1,219 1,328 1,391 1,509 1,583 1,862 2,008 2,298 2,359	841 900 940 1,007 1,071 1,185 1,216 1,387 1,417	338 439 413 348 388 410 407 525	505 461 527 859 683 775 811 842	210 235 203 253 241 360 447 433	
57	3,118 3,373 3,390 3,551 3,872 4,220 4,315 5,075 5,284 5,842 8,187	2,037 2,128 2,171 2,223 2,481 2,711 2,732 3,213 3,278 3,544	1,278 1,353 1,386 1,352 1,437 1,597 1,846 1,838 1,808 1,967	574 580 617 851 608 812 898 604 643	779 806 735 786 989 1,034 1,140 1,204 1,324	330 371 382 423 433 446 611 890 656	445 414 489 621 681 640 764 778 921	1,245 1,219 1,328 1,391 1,509 1,583 1,862 2,008 2,298	841 900 940 1,007 1,071 1,185 1,216 1,387	338 439 413 348 388 410 407 525 508 518	505 461 527 859 683 775 811 842 909 1,090	210 235 203 253 241 360 447 433 453 537	
57 58 59 50 61 62 63 63 63 64 65 67 68 69	3,118 3,373 3,390 3,551 3,872 4,220 4,315 5,075 5,284 5,842 8,187 6,750	2,037 2,128 2,171 2,223 2,481 2,711 2,732 3,213 3,278 3,544 3,808	1,278 1,353 1,386 1,352 1,437 1,597 1,846 1,838 1,808 1,967 2,042	574 580 617 851 608 812 898 604 643 717	779 806 735 786 989 1,034 1,140 1,204 1,324 1,325	330 371 382 423 433 446 611 890 656 811	445 414 489 621 681 640 764 778 921 955	1,245 1,219 1,328 1,391 1,509 1,583 1,862 2,008 2,298 2,359 2,784 2,930	841 900 940 1,007 1,071 1,185 1,216 1,387 1,417	338 439 413 348 388 410 407 525 508 518	505 461 527 859 683 775 811 842 909 1,090	210 235 203 253 241 360 447 433 453 537	
77	3,118 3,373 3,390 3,551 3,872 4,220 4,315 5,075 5,284 5,842 8,187 6,750 8,815	2,037 2,128 2,171 2,223 2,481 2,711 2,732 3,213 3,278 3,544 3,808 3,966	1,278 1,353 1,386 1,352 1,437 1,597 1,846 1,838 1,808 1,967 2,042 2,074	574 580 617 851 808 812 898 604 643 717 664	779 806 735 786 989 1,034 1,140 1,204 1,324 1,325 1,410	330 371 382 423 433 448 611 890 656 811 821	445 414 489 621 681 640 764 778 921 955 1,071	1,245 1,219 1,328 1,391 1,509 1,583 1,862 2,008 2,298 2,359 2,784	841 900 940 1,007 1,071 1,185 1,216 1,387 1,417 1,606	338 439 413 348 388 410 407 525 508 518	505 461 527 859 683 775 811 842 909 1,090	210 235 203 253 241 360 447 433 453 537 566 598	
57	3,118 3,373 3,390 3,551 3,872 4,220 4,315 5,075 5,284 5,842 8,187 6,750 8,815 7,235	2,037 2,128 2,171 2,223 2,481 2,711 2,732 3,213 3,278 3,544 3,808 3,966	1,278 1,353 1,386 1,352 1,437 1,597 1,846 1,838 1,808 1,967 2,042 2,074	574 580 617 851 608 812 898 604 643 717 664	779 806 735 786 989 1,034 1,140 1,204 1,325 1,410 1,375 1,466	330 371 382 423 433 448 611 890 656 811 821 750	445 414 489 621 681 640 764 778 921 955 1,071	1,245 1,219 1,328 1,391 1,509 1,583 1,862 2,008 2,298 2,359 2,784 2,930	841 900 940 1,007 1,071 1,185 1,216 1,387 1,417 1,606	338 439 413 348 388 410 407 525 508 518	505 461 527 859 683 775 811 842 909 1,090	210 235 203 253 241 360 447 433 453 537 566 598	
57 58 59 30 31 32 33 34 35 36 37 38 39 39 30 31 31 32 33 34 35 37 38 39 30 31 31 32 33 34 35 37 38 39 30 30 31 31 32 33 34 35 36 37 38 38 39 30 30 30 30 30 30 30 30 30 30	3,118 3,373 3,390 3,551 3,872 4,220 4,315 5,075 5,284 5,842 8,187 6,750 8,815 7,235 7,410	2,037 2,128 2,171 2,223 2,481 2,711 2,732 3,213 3,278 3,544 3,808 3,966 3,885 4,310	1,278 1,353 1,386 1,352 1,437 1,597 1,846 1,838 1,808 1,967 2,042 2,074 2,079 2,307	574 580 617 851 608 812 898 604 643 717 664 704	779 806 735 786 989 1,034 1,140 1,204 1,324 1,325 1,410 1,375 1,466	330 371 382 423 433 446 611 890 656 811 821 750 836	445 414 489 621 681 640 764 778 921 955 1,071 1,056 1,168	1,245 1,219 1,328 1,391 1,509 1,583 1,862 2,008 2,298 2,359 2,784 2,930 2,925	841 900 940 1,007 1,071 1,185 1,218 1,387 1,417 1,606 1,710 1,665	338 439 413 348 388 410 407 525 508 518 578	505 461 527 859 683 775 811 842 909 1,090	210 235 203 253 241 360 447 433 453 537 566 598	



Table 63. Employment status of the population 14 to 24 years old by school enrollment, sex, and age, October 1947-82—Continued

			· · ·	Me	n 					Won	nen		
	Total, 14 to	Total.	14	to 17 ye	<b>a</b> rs	40.40	00.45	Total,	14	to 17 ye	ars	18 to	20 1
School enrollment and year	24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	18 to 19 years	20 to 24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	19 years	24 yea
					Civilian Is	ibor force	thousa	nds)—Co	ntinued		y	prono 1	<del> </del>
ENROLLED—Continued								<u> </u>			j		
175		4,400	2,363	756	1,608	818	1,219	3,774	2,024	613	1,411	750	9
)76		4,586	2,382	734	1,647	862	1,342	3,915	1,991	631	1,360	816	1.1
077		4,839	2,609	854	1,755	899	1,331	4,116	2,134	702	1,432	842	1.1
)78		4,783	2,553	772	1,781	925	1,306	4,286	2,298	699	1,599	822	1.1
)79	8,887	4,661	2,532	775	1,757	800	1,329	4,227	2,192	633	1,559	836	1,1
980	8,572	4,418	2,228	594	1,634	869	1,320	4,154	1,992	525	1,467	865	1,2
		4,343	2,088	540	1,548	900	1,355	4,062	1,857	513	1,344	914	1,2
981		4,171	1,907	543	1,364	847	1,417	4,062	1,785	496	1,289	898	1,3
082		3,171	1,507	343	1,004		,,,,,,	7,002	1,,,,,,,,		.,===		''-
NOT ENROLLED				.,,		4 400		} 	404	1 (1)	1	4 4 2 2	
947		(1)	808	(1)	(1)	1,199	(1)	(1)	464		(1)	1,128	١.,
948	10,421	6,304	680	(1)	(1)	1,248	4,376	4,117	422	(1)	(1)	1,040	2,6
949	10,306	6,181	625	(1)	(1)	1,214	4,342	4,125	399	(1)	(1)	1,062	2,€
950	10,049	5,958	578	(1)	(1)	1,172	4,209	4,091	380	(1)	(1)	979	2,7
951	8,920	5,064	512	(1)	(1)	1,058	3,494	3,856	296	(1)	i èi	984	2,5
952	8.194	4,438	566	(1)	(4)	960	2,912	3,756	350	(1)	(6)	960	2,4
		4,204	500	65	434	1,019	2,685	3,620	311	23	288	959	2,3
953		4,044	407	52	355	955	2,682	3,647	257	29	228	957	2,4
954	7,081	7,044	1	J.		555	-,002	1 0,0					1
955	8,155	4,400	428	54	374	965	3,007	3,755	299	23	276	1,025	2,4
956	8.073	4,390	422	40	382	892	3,076	3,683	282	23	259	959	2,4
957		4.507	362	31	331	947	3,198	3,467	240	16	225	993	2,2
958		4,643	399	56	343	924	3.320	3,653	284	26	258	949	2,4
959	1	4,931	366	31	335	1,019	3,546	3,599	250	20	230	951	2,3
								0.700	207	0.4	070	1 000	۱ ,
960		5,124	383	27	356	1,075	3,666	3,789	297	24	273	1,060	2,4
961		5,228	353	32	321	1.115	3,760	4,002	263	20	243	1,173	2,5
962		5,071	304	26	278	1,065	3.702	4,078	235	12	223	1,130	2,7
963		5,158	293	20	273	1,061	3,804	4,156	227	10	217	1,133	3,0
964	9,892	5,490	273	10	263	1,100	4117	4,402	233	18	215	1,135	3,
200	10,131	5,518	356	14	342	1,232	3,930	4,613	205	11	194	1,297	3.
965	1	5,414	276	18	258	1,192	3.946	4,919	208	12	196	1,385	3,3
966 967		5,454	264	20	244	1,118	4,072	5,080	208	14	200	1,311	3.
968		5,336	240	23	217	1,091	4,005	5,301	175	17	158	1,278	3,8
	11,207	5,597	264	17	247	1,138	4,197	5,610	218	12	206	1.346	4,0
969		3,387	207	''	-7"	1,,,,,,	1,,0,	0,0.0		'-		1	''
970	12,208	6,317	285	29	256	1,324	4,708	5,891	189	10	179	1,342	4,3
971		6,731	263	21	242	1,388	5,079	5,048	206	10	196	1,293	4,5
972	l	7,514	328	25	303	1,597	5,589	6,506	249	16	233	1,465	4,7
973	i	8,131	374	32	342	1,750	6.007	6,895	279	24	255	1,615	5,0
974		8,402	409	32	377	1,851	6,142	7,106	307	22	285	1,661	5,1
	i	1				4 700	0.000	7.000	204	1 40	252	1 640	6
975		8,314	316	17	299	1,792	6,206	7,068	264	12	252	1,549	5,2
976		8,617	314	16	298	1,838	6,465	7,271	261	27	234	1,639	5,3
977		8,917	344	17	327	1,888	6,685	7,829	301	19	282	1,652	5,0
978		9,229	343	19	324	1,932	6,954	8,007	291	17	274	1.709	6,0
979	17,482	9,397	297	19	278	1,954	7,146	8,085	288	1 1	2/1	1,759	0,0
980	17,501	9,418	338	14	324	1,906	7,175	8.083	254	24	230	1,664	6,
981		9,208	288	23	265	1,754	7,166	8,061	192	1	177	1,580	6,2
982		9,065	1		1	1,721	7,086	7,836	193	'	1	1,556	6,0



Table 63. Employment status of the population 14 to 24 years old by school enrollment, sex, and age, October 1947–82—Continued

					Me	n					Wor	nen		
		Total, 14 to	Total.		to 17 ye	ars			Total.	14	to 17 ye	ars	!	
	School enrollment and year	24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	18 to 19 years	20 to 24 years	14 to 24 years	Total	14 to 15 years	, 16 to 17 years	18 to 19 years	24
						La	bor force	participa	ation rate	<b>t</b>				
	ENROLLED				:		•	:	:	1	,	•	•	
1947		(1)	(1)	22 1	· (¹)	(1)	25 4	(1)	(1)	11 7	(1)	(¹)	21 2	(1
		20 5	25 2		(1)	(1)	27 9	268	146	14 1	(1)			23 3
1949		21.2	24 6	22 5	· (¹)	(1)	275	31.2	17.1	. 15.1	(i)	; (1)	24 4	33.5
1950	······································	28 3	316	299	(¹)	(1)	36 0	360	20 1	180	(1)	· (1)	27.7	32.9
		25.3	30.0	28 0		(1)	32 2	40 5	20 1	18 2	(1)	(1)	28.6	32.6
	·· ···································	21.0 19.5	26 2 : 23 9 :	25.2 22.2	17.3	· (¹) · 29.0	· 31,4 32.1	27.3 25.9	13 9 14 5	139	(1) 92	(¹) 179		29.9
		23.2	27.7	25.8	20.7	31.2	27.4	39.1	180	15 7	9.5	23.8	; 23.4	38.6
.055				00.0		07.0				!	100			!
		26 5 27 3	32.5 32.0	28 9 27.9	22.3 22.0	37.3 36 0	43.9 39.4	41.7 46.0	19 4 21 8	: 18 4 18 7	. 12.6 12.9	21.4 26.8	28.1	42.0 48.9
		7.2	315	27.5	21 3	36 2	383	463	213	180	11 9	26 6	26 8	47.6
		25 3	30 6	28 3	18 7	36 2	34 4	49 4	19 1	15 6	10 7	22 4	318	38.4
1959	.,,,,, .,,,, ., .,,,,,,,,,	26 5	31 1	28 9	21 1	33.5	35 9	499	21 2	18.2	13 7	23.5	, 28.7	45.3
1960		25 3	30 0	26 4	20 2	34.0	34 9	442	198	168	12 2	22 8	27 9	40.€
1961		24 4	28.3	23.7	18 2	318	32 8	495	19.8	16 5	13.8	, 20 7	30.1	
		24 8	29 5	23.8	18.2	320	349	528	19.4	16.5	12.1	23.1	218	45.3
		25.4 25.0	30. <b>3</b> 29.6	24 9 24.7	. 17.5 . 17.6	33.7 . 32.5		49.9 48.0	19.7 19.7	16.5 16.8	10.4	23.8	28.7	38.4 37.8
	***************************************			£-4,,	•				•	<u> </u>	•	,	i	37.0
1965		27 7	32 8	27.8	19.7	37.2	36 2	49 0	22.0	185	_	26 0	29 0	39.8
		27 8 29 7	31 9 33.8	26 7 28 2	16 6 17 2	38 5 40.9	37.5 40.1	48 7 49.5	23.0 25.0	18 7 20 5	11.5	27 1 27 8	33.5	
		30.2	34.8	28.4	18 7	39 4	42 9	51.2	24.9	20 5	13.6	28.5	318	43.6
		31.9	35.0	28.1	16 9	40 8	43 5	51.7	28 3	22 7	13.5	33.4	36.7	49 0
1970		31.7	34 0	27 6	176	38 9	41.2	512	29 1	23 5	14,9	33 5	37.7	: 50.5
		32 4	36.2	29.8	20 6	40 2	43 1	52 5	28 0	22.4		313	37.0	47.4
1972		32 9	35 9	28 6	18 3	40.1	453	53 2	29.6	24.0	15 7	33.5	37.0	49.9
1973		35 0	37 9	317	20 3	44 2	45 4	54 7	319	26 9	170		38 1	50.3
19/4		35.6	37.5	310	198	43.4	444	55.5 :	33 5	27 4	. 17.1	29.2	39 5	5 <b>6</b> .2
1975.		34 3	35 3	29 2	17.7	417	419	512		28 2	15 0	38 9		55.1
		35.4	370	29 5	174	42 8	448	55 7		25 9		37 2	43 8	53.9
1977 1978 .		37 4 38.4	39 0 <sup>1</sup> 39.3	32 8 32 3	20.6 19.0	45 8 48 8	. 464- . 481	54 0 · 55 3 ·	35.6 37.5	27 9 30.2	17.5 17.7	39 0 43 3	45 6 45 7	56.2 58.3
1979		38 2	38.9	326	19.7	45.8		57 7	37.3	29 7		43 4	45 9	. <b>56</b> .8
			:						26.7	1	•	. 400	. 45.0	60.0
1980 1981		37.2 36.5	37 6 36 8	30 0 28,6	15 9 14 8	44.1 42.2	45 8 44 6	553 : 549	: 36 7 36 1	27 7 26 3	14 5	40 9 37 7	45 2 46 7	
1982		363	36.0		15.1	38.8			•			38.2		
	NOT ENROLLED	'	i	•	•	:		i j	;			:	:	
1947	NO! ENNOLLED	(¹)	(¹) .	89 8	(1)	(1)	935	(¹) .	(1)	54 3	(1)	(¹)	610	(י)
<u> 1948</u>		69.9	95.4	89.6	(1)	(1)	956	963	49 6	55 5	' (¹)	(¹)	58 8	48 0
1949		96 7	94.0	85 7	ָריד י	(1)	94 4	95.3	50.2	50 1	(1)	(1)	608	47.0
1950 .		71.0	94 7	877	(¹)	(¹)	958	95 5	52 0	51 7	(י)	(1)	60 7	49.5
1951		68 4	94.8	81.5	(1)	(1)	95 0			47 1		(')		
1952		66 6	92.9	88.2	(1)	(¹)	930		499	53 7	, , ,	. (1)	60 4 62 2	
1953 19 <b>54</b>		66 7 65 8	94 6 91 2	85 5 80 1	( <sup>3</sup> )	86 5 84.9	95 9 89 5	96 1 93 7	49 7 50 2	47 7 39 9		49 9 42.1		48.3
				. :									:	
1955	•	68 1	94 5	814	52 4	88 4	948	987	51.3 51.7	44 4 46 B	( <sup>3</sup> )	473	819 604	48 6 49 5
1958 1957	•	68 2 68 9	93 3 94 0	80 5 79 6	(²) (a)	84 9 83 2	90 7 92 8	96 2 96 4	51 7 48 7	46 8 39 2	(°) 15 7	49 6 44 1	61.6	49 5 45.6
1958		68 0	94 1	80 6	(°)	84 5	93 0	963	50 2	43 6	(1)	45 7	593	48 2
		676	94 1	76 4	(a)	80 1	929	968	48 8	42 1	. (i)	44 7	57 5	48.8

Table 63. Employment status of the population 14 to 24 years old by school enrollment, sex, and age, October 1947-82—Continued

				Me	n					Worr	1 <b>0</b> 0		
	Total,	Total.	14	to 17 <b>ye</b> a	ars		_	Total.	14	to 17 yes	ars	40.4-	-
School enrollment and year	14 to 24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	16 to 19 years	20 to 24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	16 to 19 years	20 2- yea
			_		abor for	ce partic	ipation ra	ite ª—Con	tinued				
NOT ENFOLLED—Continued						-							
60	68.6	94.4	77.2	(*)	61.6	92.6	97.1	50.1	49.3	(*)	50.6	60.3	4
31	68.5	92.7	72.6	( <sup>2</sup> )	76.6	90.1	96.0	51.1	46.1	(3)	50.9	60.2	4
32	68.8	93.6	74.3	(3)	76.4	92.3	96.3	51.7	38.5	(3)	43.2	61.7	4
<b>13</b>		93.9	74.2	(*)	78.2	93.5	95.9	51.5	40.3	(*)	43.6	61.3	4
4	69.6	93.7	68.8	(*)	72.5	92.0	96.6	53.0	41.1	(*)	42.6	60.2	'
5	70.2	93.7	78.2	(*)	81.4	91.2	96.3	54.0	41.3	(2)	42.9	63.3	
6		93.7	69.3	(*)	73.5	88.6	97.7	55.2	41.6	(2)	44.1	62.9	1
7		92.6	67.9	(a)	75.5	67.9	96.3	56.4	40.2	(*)	43.0	63.6	} ;
8	1111	90.9	63.8	(a)	71.1	87.6	94.2	57.3	35.6	20.5	38.9	62.9	
9	·	92.0	67.7	22.7	78.4	88.2	95.3	59.3	41.4	(*)	45.3	66.0	
		04.4	00.5	(9.)	767	087	94.6	59.6	36.9	13.0	41.1	63.7	
0		91.4	69.5 69.0	(2)	75.7 73.5	86.7 88.6	94.0	59.6	41.0	(*)	44.4	61.2	
1	73.2 75.2	91.6 92.0	66.0	(°) 26.0	75.5 75.5	69.7	94.9	62.1	41.7	16.0	46.6	65.5	
2		92.1	70.7	36.4	77.5	90.0	94.5	63.7	43.3	20.2	48.7	66.4	1
3		92.6	72.C	36.8	78.2	69.6	95.4	65.6	49.4	25.3	53.4	69.2	ļ
•	1	i			_						4- 4		
'5 <b>.</b>		91.7	68.1	(3)	75.6	91.2	93.5	65.4	43.0	14.5	47.4	66.9	
6		91.6	67.5	(*)	73.7	88.9	94.1	67.2	43.3	29.7	45.6	70.0	
7		92.6	70.6	(3)	76.0	91.6	94.7	68.9	51.6	(*)	54.9	70.1	
'6	81.2	92.6	66.6	(*)	72.1	92.2	94.6	71.0 71.1	55.0 46.7	(3)	58.5 53.2	71.4 73.8	
9	61.1	92.0	65.3	(*)	71.4	69.9	94.3	/ / / /	40.7	20.7	03.2	/3.6	
30	61.3	91.4	67.3	(*)	71.4	89.0	93.8	71.9	47.2	28.6	50.6	73.3	
31		91.3	65.3	(a)	70.7	88.7	93.5	72.6	42.2	18.3	47.5	73.1	1
32		90.7	67.2	(a)	74.6	85.0	93.4	71.6	44.1	(*)	48.2	71.9	ŀ
			<u> </u>	l	<u></u>	Employ	ed (thou	sands)		<u> </u>		<u> </u>	
	h	т—	1	<del></del>	1				]		T	7	T
ENDOLLED	1	İ	1	Ì				ļ	ļ	ļ			]
ENROLLED	1,600	1,090	724	(י)	(י)	141	225	510	381	(1)	(1)	84	
17		1,090 1,219	724 614	(1)	(1)	182	223	575	468	(1)	(1)	61	
i7 i8	1,794		1				1		1			1	
17 18	1,794 1,761	1,219 1,113	614 724	(1)	(1)	182 156	223 234	575 648	468 477	(1)	(1)	61 105	
17	1,794 1,761 2,331	1,219 1,113 1,522	614 724 1,026	(1)	(1) (1)	182 156 232	223 234 262	575 648 809	468	(1)	(1)	61	
17	1,794 1,761 2,331 2,208	1,219 1,113 1,522 1,370	614 724 1,026 968	(1) (1) (1)	(1) (2) (3)	182 156 232 166	223 234 262 236	575 648	468 477 585	(1) (2) (3)	(·)	61 105 139	
47	1,794 1,761 2,331 2,208 1,914	1,219 1,113 1,522 1,370 1,266	614 724 1,026 968 910		(1) (1)	182 156 232	223 234 262	575 648 809 638	468 477 585 638	(1)	(1)	105 139 124	
17	1,794 1,761 2,331 2,206 1,914 1,622	1,219 1,113 1,522 1,370 1,266 1,179	614 724 1,026 968	(1) (1) (1)	0 0 0 0	182 156 232 166 186	223 234 262 236 170	575 648 809 638 648	468 477 585 638 492	(i) (i) (i) (i) (i)	() () () ()	61 105 139 124 74	
47	1,794 1,781 2,331 2,208 1,914 1,622 2,206	1,219 1,113 1,522 1,370 1,266 1,179 1,396	1,026 968 910 815 964	(1) (1) (1) (1) (1) (1) 375 441	(1) (1) (1) (1) (1) (40) 523	182 156 232 166 186 201 167	223 234 262 236 170 163 245	575 648 809 638 648 643 810	468 477 585 638 492 467 573	(1) (1) (3) (1) (1) (1) 197 199	(1) (1) (1) (1) (1) 270 374	61 105 139 124 74 69 121	
17	1,794 1,761 2,331 2,208 1,914 1.622 2,206 2,556	1,219 1,113 1,522 1,370 1,266 1,179 1,396	614 724 1,026 968 910 815 964	(1) (1) (1) (1) (1) 375 441 491	(1) (1) (1) (1) (1) 440 523 633	182 156 232 166 186 201 167 297	223 234 262 236 170 163 245	575 648 809 638 648 643 810	468 477 585 638 492 467 573 598	(1) (1) (3) (1) (1) (1) 197 199	(1) (1) (1) (1) (1) 270 374 335	61 105 139 124 74 69 121	
17	1,794 1,781 2,331 2,208 1,914 1,622 2,208 2,556 2,856	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792	614 724 1,026 968 910 815 964 1,124 1,131	(1) (1) (1) (1) (1) 375 441 491 530	(¹) (¹) (¹) (¹) (¹) 440 523 633 601	182 156 232 166 186 201 167 297 299	223 234 262 236 170 163 245 279 382	575 648 809 638 648 643 810 856 1,064	468 477 585 638 492 467 573 598 733	(1) (1) (3) (1) (1) (1) 197 199 263 306	(¹) (¹) (¹) (¹) (²) 270 374 335 427	61 105 139 124 74 69 121 124 158	
17	1,794 1,781 2,331 2,208 1,914 1,622 2,208 2,556 2,856 2,983	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869	614 724 1,026 968 910 815 964 1,124 1,131 1,202	(1) (1) (1) (1) (1) 375 441 491 530 556	(1) (1) (1) (1) (1) (40) 523 633 601 646	182 156 232 166 186 201 167 297 299 275	223 234 262 236 170 163 245 279 382 392	809 838 848 843 810 856 1,064	468 477 585 638 492 467 573 598 733 750	(1) (1) (1) (1) (1) (1) 197 199 263 306 298	(1) (1) (1) (1) (270 374 335 427 452	61 105 139 124 74 69 121 124 158 161	
17	1,794 1,781 2,331 2,208 1,914 1,622 2,208 2,556 2,656 2,983 2,686	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171	(1) (1) (1) (1) (1) 375 441 491 530 556 475	(1) (1) (1) (1) (1) 440 523 633 601 646 696	182 156 232 166 186 201 167 297 299 275 281	223 234 262 236 170 163 245 279 382 392 414	575 648 809 638 648 643 810 856 1,064 1,114	468 477 585 638 492 467 573 598 733 750 677	(1) (1) (1) (1) (1) (1) 197 199 263 306 296 280	(¹) (¹) (¹) (¹) (²) 270 374 335 427	61 105 139 124 74 69 121 124 158	
17	1,794 1,781 2,331 2,208 1,914 1,622 2,208 2,556 2,656 2,983 2,686	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869	614 724 1,026 968 910 815 964 1,124 1,131 1,202	(1) (1) (1) (1) (1) 375 441 491 530 556	(1) (1) (1) (1) (1) (40) 523 633 601 646	182 156 232 166 186 201 167 297 299 275	223 234 262 236 170 163 245 279 382 392	809 838 848 843 810 856 1,064	468 477 585 638 492 467 573 598 733 750	(1) (1) (1) (1) (1) (1) 197 199 263 306 296 280 347	(1) (1) (1) (1) (270 374 335 427 452 397 471	61 105 139 124 74 69 121 124 158 161 198	
50	1,794 1,761 2,331 2,208 1,914 1,622 2,206 2,556 2,656 2,963 2,686 3,145	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171	(1) (1) (1) (1) (1) 375 441 491 530 556 475	(1) (1) (1) (1) (1) 440 523 633 601 646 696	182 156 232 166 186 201 167 297 299 275 281	223 234 262 236 170 163 245 279 362 392 414 422 396	809 838 648 643 810 856 1,064 1,114 1,020 1,174	468 477 585 638 492 487 573 598 733 750 677 816	(1) (1) (1) (1) (1) (1) 197 199 263 306 296 280 347 326	(1) (1) (1) (1) (270 374 335 427 452 397 471	61 105 139 124 74 69 121 124 158 161 198 185	
47         48         49         51         52         53         54         55         56         57         58         59         80	1,794 1,761 2,331 2,208 1,914 1,622 2,206 2,556 2,656 2,983 2,686 3,145	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866 1,971	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549	(¹) (¹) (¹) (¹) (¹) 440 523 633 601 646 696 701	182 156 232 166 186 201 187 297 299 275 281 299 332 343	223 234 262 236 170 163 245 279 362 392 414 422 396 471	809 838 648 643 810 856 1,064 1,114 1,020 1,174 1,144 1,230	468 477 585 638 492 467 573 598 733 750 677 816 783 831	(1) (1) (1) (1) (1) 197 199 263 306 296 280 347 326 423	(1) (1) (1) (1) (270 374 335 427 452 397 471 457 408	61 105 139 124 74 69 121 124 158 161 198 185	
17         18         19         50         51         52         53         54         55         56         57         58         59         30         81         32	1,794 1,781 2,331 2,208 1,914 1,622 2,208 2,556 2,656 2,983 2,686 3,145 3,150 3,255 3,562	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866 1,971 2,006 2,025 2,262	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 561 571 617	(¹) (¹) (¹) (¹) (¹) 440 523 633 601 646 696 701 717 640 700	182 156 232 166 186 201 187 297 299 275 281 299 332 343 382	223 234 262 236 170 183 245 279 382 392 414 422 396 471 583	809 838 648 643 810 856 1,064 1,114 1,020 1,174 1,144 1,230 1,280	468 477 585 638 492 467 573 598 733 750 677 816 783 831	(1) (1) (1) (1) (1) 197 199 263 306 296 280 347 326 423 392	(1) (1) (1) (1) (270 374 335 427 452 397 471 457 408 478	61 105 139 124 74 69 121 124 158 161 198 185	
17	1,794 1,781 2,331 2,208 1,914 1,622 2,208 2,556 2,656 2,983 2,686 3,145 3,150 3,255 3,562 3,841	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866 1,971 2,006 2,025	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317 1,446	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 561 571 617 580	(¹) (¹) (¹) (¹) (¹) 440 523 633 601 646 696 701 717 640 700 866	182 156 232 166 186 201 167 297 299 275 281 299 332 343 382 393	223 234 262 236 170 163 245 279 382 392 414 422 396 471 583 646	809 838 848 843 810 856 1,064 1,114 1,020 1,174 1,144 1,230 1,280 1,356	468 477 585 638 492 467 573 598 733 750 677 816 783 831 870 904	(1) (1) (1) (1) (1) 197 199 263 306 298 280 347 326 423 392 320	(1) (1) (1) (1) (2) (1) (270 374 335 427 452 397 471 457 408 478 584	61 105 139 124 74 69 121 124 158 161 198 165 197 216 161 223	
17	1,794 1,781 2,331 2,208 1,914 1,822 2,208 2,556 2,856 2,868 3,145 3,150 3,255 3,562 3,841	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866 1,971 2,006 2,025 2,262	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 561 571 617	(¹) (¹) (¹) (¹) (¹) 440 523 633 601 646 696 701 717 640 700	182 156 232 166 186 201 187 297 299 275 281 299 332 343 382	223 234 262 236 170 183 245 279 382 392 414 422 396 471 583	809 838 648 643 810 856 1,064 1,114 1,020 1,174 1,144 1,230 1,280	468 477 585 638 492 467 573 598 733 750 677 816 783 831	(1) (1) (1) (1) (1) 197 199 263 306 296 280 347 326 423 392	(1) (1) (1) (1) (270 374 335 427 452 397 471 457 408 478	61 105 139 124 74 69 121 124 158 161 198 185	
17       18       19       50       51       52       53       54       55       56       57       58       59       31       32       33       34	1,794 1,781 2,331 2,208 1,914 1,622 2,206 2,556 2,656 2,983 2,686 3,145 3,150 3,255 3,562 3,841 3,933	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,792 1,869 1,866 1,971 2,006 2,025 2,262 2,465 2,508	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317 1,446 1,501	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 561 571 617 580 571	(1) (1) (1) (1) (1) (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	182 156 232 166 186 201 167 297 299 275 281 299 332 343 382 393	223 234 262 236 170 163 245 279 382 392 414 422 396 471 583 646	809 838 848 843 810 856 1,064 1,114 1,020 1,174 1,144 1,230 1,280 1,356	468 477 585 638 492 467 573 598 733 750 677 816 783 831 870 904	(1) (1) (1) (1) (1) 197 199 263 306 298 280 347 326 423 392 320	(1) (1) (1) (1) (2) (1) (270 374 335 427 452 397 471 457 408 478 584	61 105 139 124 74 69 121 124 158 161 198 165 197 216 161 223	
17       18       19       50       51       52       53       54       55       56       57       58       59       30       31       32       33       34       35       36       37       38       39       31       32       33       34       35       36       37       38       39       30       31       32       33       34	1,794 1,761 2,331 2,208 1,814 1,822 2,206 2,556 2,856 2,983 2,686 3,145 3,150 3,255 3,562 3,841 3,933 4,852	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866 1,971 2,006 2,025 2,262 2,465 2,508	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317 1,446	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 561 571 617 580	(¹) (¹) (¹) (¹) (¹) 440 523 633 601 646 696 701 717 640 700 866	182 156 232 166 188 201 167 297 299 275 281 299 332 343 382 393 408	223 234 262 236 170 163 245 279 382 392 414 422 396 471 583 646 599	809 838 648 643 810 856 1,084 1,114 1,020 1,174 1,144 1,230 1,280 1,356 1,425	468 477 585 638 492 467 573 598 733 750 677 816 783 831 870 904	(1) (1) (1) (1) (1) (1) 197 199 263 306 296 280 347 326 423 392 320 379 403 395	(1) (1) (1) (1) (270 374 335 427 452 397 471 457 408 476 584 582 708	61 105 139 124 74 69 121 124 158 161 198 185 197 216 181 223 215 326 404	
17       18       19       50       51       52       53       54       55       56       57       58       59       80       81       32       33       34       65       36       36	1,794 1,761 2,331 2,208 1,914 1,622 2,206 2,556 2,983 2,686 3,145 3,150 3,255 3,562 3,841 3,933 4,852 4,914	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,792 1,869 1,866 1,971 2,006 2,025 2,262 2,465 2,508	1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317 1,446 1,501	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 581 571 617 580 571	(¹) (¹) (¹) (¹) (¹) 440 523 633 601 646 696 701 717 640 700 866 930	182 156 232 166 186 201 167 297 299 275 281 299 332 343 382 393 408	223 234 262 236 170 163 245 279 382 414 422 396 471 583 646 599 727	809 838 648 643 810 856 1,084 1,114 1,020 1,174 1,144 1,230 1,356 1,425	468 477 585 638 492 467 573 598 733 750 677 816 783 831 870 904 961	(1) (1) (1) (1) (1) (1) 197 199 263 306 296 280 347 326 423 392 320 379 403 395 500	(1) (1) (1) (2) (270 374 335 427 452 397 471 457 408 478 584 582 708 739 751	61 105 139 124 74 69 121 124 158 161 198 185 197 216 181 223 215 326 404 383	
47	1,794 1,761 1,761 2,331 2,208 1,914 1,622 2,206 2,556 2,983 2,686 3,145 3,150 3,255 3,562 3,841 3,933 4,852 4,914 5,244	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866 1,971 2,006 2,025 2,262 2,465 2,508 2,920 3,044	1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317 1,446 1,501 1,657 1,857	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 581 571 617 580 571 658 584	(¹) (¹) (¹) (¹) (440 523 633 601 646 696 701 717 640 700 866 930 1,001 1,093	182 156 232 166 188 201 167 297 299 275 281 299 332 343 382 393 408 536 634	223 234 262 236 170 163 245 279 382 414 422 396 471 583 646 599 727 753	809 838 648 643 810 856 1,084 1,114 1,020 1,174 1,144 1,230 1,356 1,425 1,732 1,670	468 477 585 638 492 467 573 598 733 750 677 816 783 831 870 904 961 1,111 1,134 1,251 1,293	(1) (1) (1) (1) (1) (1) 197 199 263 306 296 280 347 326 423 392 320 379 403 395 500 485	(1) (1) (1) (2) (270 374 335 427 452 397 471 457 408 478 584 584 582 708 739 751 808	61 105 139 124 74 69 121 124 158 161 198 185 197 216 161 223 215 326 404 383 404	
47	1,794 1,761 2,331 2,208 1,914 1,822 2,206 2,556 2,856 2,983 2,686 3,145 3,150 3,255 3,562 3,841 3,933 4,852 4,914 5,244 5,616	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866 1,971 2,006 2,025 2,262 2,465 2,508 2,920 3,044 3,150	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317 1,446 1,501 1,657 1,857 1,692	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 561 571 617 580 571 658 584 556	(¹) (¹) (¹) (¹) (¹) (¹) 440 523 633 601 646 696 701 717 640 700 866 930 1,001 1,093 1,136	182 156 232 166 188 201 187 297 299 275 281 299 332 343 382 393 408 536 634 582	223 234 262 236 170 163 245 279 382 414 422 396 471 583 646 599 727 753 676	809 838 648 643 810 856 1,064 1,114 1,020 1,174 1,144 1,230 1,280 1,356 1,425 1,732 1,670 2,094	468 477 585 638 492 467 573 598 733 750 677 816 783 831 870 904 961 1,111 1,134	(1) (1) (1) (1) (1) (1) 197 199 263 306 296 280 347 326 423 392 320 379 403 395 500	(1) (1) (1) (2) (270 374 335 427 452 397 471 457 408 478 584 582 708 739 751	61 105 139 124 74 69 121 124 158 161 198 185 197 216 181 223 215 326 404 383	
47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 63 64 65 67 68 68	1,794 1,781 2,331 2,208 1,914 1,622 2,206 2,556 2,856 2,983 2,686 3,145 3,150 3,255 3,562 3,841 3,933 4,852 4,914 5,244 5,616 6,049	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866 1,971 2,006 2,025 2,262 2,465 2,508 2,920 3,044 3,150 3,457 3,583	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317 1,446 1,501 1,657 1,657 1,692 1,808 1,846	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 561 571 617 580 571 658 644 556 641 616	(1) (1) (1) (1) (1) (1) 440 523 633 601 646 696 701 717 640 700 866 930 1,001 1,093 1,136 1,167	182 156 232 166 188 201 167 297 299 275 281 299 332 343 382 393 408 536 634 582 737 739	223 234 262 236 170 163 245 279 382 392 414 422 396 471 583 646 599 727 753 676 912 998	809 838 848 843 810 856 1,064 1,114 1,020 1,174 1,144 1,230 1,280 1,356 1,425 1,732 1,670 2,094 2,159 2,466	468 477 585 638 492 467 573 598 733 750 677 616 783 831 870 904 961 1,111 1,134 1,251 1,293 1,399	(1) (1) (1) (1) (1) 197 199 263 306 280 347 326 423 392 320 379 403 395 500 485 489	(1) (1) (1) (1) (27) 374 335 427 452 397 471 457 408 478 584 584 582 708 739 751 808 930	61 105 139 124 74 69 121 124 158 161 197 216 161 223 215 326 404 383 404 466	
47	1,794 1,761 1,761 2,331 2,208 1,814 1,822 2,208 2,558 2,656 2,983 2,686 3,145 3,145 3,150 3,255 3,562 3,841 3,933 4,852 4,914 5,616 6,049 5,967	1,219 1,113 1,522 1,370 1,268 1,179 1,396 1,700 1,792 1,869 1,866 1,971 2,006 2,025 2,262 2,465 2,508 2,920 3,044 3,150 3,457 3,583 3,371	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317 1,446 1,501 1,657 1,692 1,808 1,846 1,775	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 561 571 658 584 556 641 616	(1) (1) (1) (1) (1) (1) (1) 440 523 633 601 646 696 701 717 640 700 866 930 1,001 1,093 1,136 1,167 1,228	182 156 232 166 188 201 167 299 275 281 299 332 343 382 393 408 536 634 582 737 739 635	223 234 262 236 170 163 245 279 382 414 422 396 471 583 646 599 727 753 676 912 998	809 838 648 643 810 856 1,084 1,114 1,020 1,174 1,144 1,230 1,356 1,425 1,732 1,670 2,094 2,159 2,466 2,596	468 477 585 638 492 467 573 598 733 750 677 816 783 831 870 961 1,111 1,134 1,251 1,293 1,399	(1) (1) (1) (1) (1) (1) 197 199 263 306 298 280 347 326 423 392 320 379 403 395 500 485 469 534	(1) (1) (1) (1) (270 374 335 427 452 397 471 457 408 478 584 584 739 751 808 930	61 105 139 124 74 69 121 124 158 161 198 185 197 216 161 223 215 326 404 383 404	
47	1,794 1,761 1,761 2,331 2,208 1,814 1,822 2,208 2,558 2,656 2,983 2,686 3,145 3,150 3,255 3,562 3,841 3,933 4,852 4,914 5,616 6,049 5,967 6,313	1,219 1,113 1,522 1,370 1,266 1,179 1,396 1,700 1,792 1,869 1,866 1,971 2,006 2,025 2,262 2,465 2,508 2,920 3,044 3,150 3,457 3,583 3,371 3,749	1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317 1,446 1,501 1,657 1,857 1,808 1,846 1,775 1,946	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 581 571 658 584 556 641 618	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	182 156 232 166 186 201 167 299 275 281 299 332 343 382 393 408 536 634 582 737 739 635	223 234 262 236 170 163 245 279 382 414 422 396 471 583 646 599 727 753 676 912 998	809 838 648 643 810 856 1,084 1,114 1,020 1,174 1,144 1,230 1,356 1,425 1,732 1,670 2,094 2,159 2,466 2,596 2,583	468 477 585 638 492 467 573 598 733 750 677 816 783 831 870 904 961 1,111 1,134 1,251 1,293 1,399	(1) (1) (1) (1) (1) 197 199 263 306 280 347 326 423 392 320 379 403 395 500 485 489	(1) (1) (1) (1) (27) 374 335 427 452 397 471 457 408 478 584 584 582 708 739 751 808 930	61 105 139 124 74 69 121 124 158 161 198 185 197 216 181 223 215 326 404 383 404 486	
47	1,794 1,761 1,761 2,331 2,208 1,914 1,622 2,206 2,556 2,953 2,686 2,983 2,686 3,145 3,150 3,255 3,562 3,841 3,933 4,852 4,914 5,616 6,049 5,967 6,313 6,501	1,219 1,113 1,522 1,370 1,268 1,179 1,396 1,700 1,792 1,869 1,866 1,971 2,006 2,025 2,262 2,465 2,508 2,920 3,044 3,150 3,457 3,583 3,371	614 724 1,026 968 910 815 964 1,124 1,131 1,202 1,171 1,250 1,278 1,211 1,317 1,446 1,501 1,657 1,692 1,808 1,846 1,775	(1) (1) (1) (1) (1) 375 441 491 530 556 475 549 561 571 658 584 556 641 616	(1) (1) (1) (1) (1) (1) (1) 440 523 633 601 646 696 701 717 640 700 866 930 1,001 1,093 1,136 1,167 1,228	182 156 232 166 188 201 167 299 275 281 299 332 343 382 393 408 536 634 582 737 739 635	223 234 262 236 170 163 245 279 382 414 422 396 471 583 646 599 727 753 676 912 998	809 838 648 643 810 856 1,084 1,114 1,020 1,174 1,144 1,230 1,356 1,425 1,732 1,670 2,094 2,159 2,466 2,596	468 477 585 638 492 467 573 598 733 750 677 816 783 831 870 961 1,111 1,134 1,251 1,293 1,399	(1) (1) (1) (1) (1) (1) 197 199 263 306 296 280 347 326 423 392 320 379 403 395 500 485 469 534 524	(1) (1) (1) (1) (270 374 335 427 452 397 471 457 408 478 584 584 582 708 751 808 930 954 916	61 105 139 124 74 69 121 124 158 161 198 185 197 216 181 223 215 326 404 383 404 466 488 517	



Table 63. Employment status of the population 14 to 24 years old by school enrollment, sex, and age, October 1947–82—Continued

				M	en	·	<del>-</del>		<del></del>	Wor	nen		
School enrollment and year	Total,	Total,	14	to 17 ye	ars	10.10	20.4-	Total.	14	to 17 ye	ars		
School emolinent and year	24 years	14 to 24 years	Totai	14 to 15 yeara	16 to 17 years	18 to 19 years	20 to 24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	18 to 19 years	) 20   20
				_	Emp	loyed (tn	ousands)	Continu	ied			•	•
ENROLLED—Continued		ļ							T				Ţ
)75	6,978	3,764	1,988	660	1,328	703	1,073	3,214	1,676	535	1,141	633	1 ,
76	7,333	3,924	1,968	640	1,328	737	1,219	3,409	1,680	552	1,128	704	1.
)77	7,723	4,180	2,170	688	1,482	778	1,232	3,544	1,783	603	1,180	710	1
78	7,901	4,141	2,121	641	1,480	798	1,222	3,760	1,962	615	1,347	715	1
79	7,724	4,047	2,158	675	1,483	689	1,191	3,676	1,831	540	1,291	:	
		4,047	2,100	0,3	1,400	000	1,181	3,070	1,031	340	1,291	735	1
80	7,382	3,745	1,797	485	1,312	733	1,214	3.638	1,678	458	1,220	768	1
81		3,728	1,731	466	1,265	760	1,237	3,461	1,518	431	1,087	742	
62		3,387	1,460	432	1,028	690	1,237	3,472				_	1
		0,007	1,400	732	1.020	050	1,23/	3,4/2	1,458	433	1,025	740	1
NOT ENROLLED	10.181	6 000	740	,,,		4.44							
4748		6,009	719	(1)	(1)	1,110	4,180	4,152	422	(1)	(1)	1,074	2
40 40	9,903	5,969	827	(1)	(1)	1,154	4,187	3,934	392	(¹)	(1)	993	2
49	9,221	5,466	521	(')	(')	1,068	3,878	3,754	349	(1)	(1)	948	2
50	9,527	5.679	515	(1)	/13	1 100	4 004	0.040	0.40				١ ـ
51		• - · -	ŀ	(1)	(1)	1,100	4,064	3,848	342	(1)	(1)	904	2
91	8,532	4,864	474	(1)	(1)	1,010	3,380	3,668	264	(')	(1)	924	2
52	7,800	4,230	506	(1)	(1)	924	2,800	3,570	318	(1)	(1)	894	2
53	7,499	4,033	442	63	379	971	2,620	3,466	278	21	258	909	2
54	7,070	3,702	343	44	299	892	2,467	3,368	206	25	181	862	2
55	7,651	4.141	357	52	305	908	2,876	3,510	270	21	249	951	2
58		4,135	360	31	329	845	2,930	3,458	255	18	1		
57		4,135	304	24	280	844	2.987		1 1		237	893	2
58	7,368	4,073		48			1 ' 1	3,264	209	16	193	933	2
59	7,702		303		255	771	2,999	3,295	222	22	200	845	2
J9	7,702	4,445	277	28	249	865	3,303	3,257	212	17	195	826	2
60	8,017	4,604	312	21	291	898	3,394	3,413	237	16	221	922	2
61		4,660	276	24	252	945	3,439	3,539	213	19	194	1,003	2
62		4,616	258	22	236	927	3,431	3,659	193	12			
<b>8</b> 3	8,292	4,677	234	17						- 1	181	991	2
64	8,930	5,006	_		217	904	3,539	3,615	152	10	142	964	2
<u> </u>	6,930	3,000	234	10	224	954	3,818	3,924	174	15	159	961	2
65	9,359	5,169	300	14	286	1,104	3,765	4,190	159	11	148	1,119	2
66	9,585	5,131	225	17	208	1,092	3,814	4,454	153	10	143	1,210	3
67		5,117	208	14	194	998	3,911	4,544	166	10	158	1,100	3
58		5,012	201	17	184	987	3,824	4,923	133	16	117	1,113	
69	10.383	5,257	223	14	209	1,035	3,999	5,126	160	اها	151	1,198	3,
		J,251		,,		1,000	0,000	5,120	100		131	1,100	٠,
70		5,613	209	26	183	1,137	4,267	5,262	136	9	127	1,122	4,
71	11,374	6,011	199	17	182	1,186	4,627	5,363	143	6	137	1,077	4.
72	12,532	6,795	256	23	232	1,407	5,132	5,737	189	15	174	1,241	4,
73	13,779	7,550	295	24	271	1,576	5,679	6,229	224	19	205	1,392	4
74	13,823	7,544	320	• 25	295	1,567	5,658	6,278	233	20	213	1,380	4,
76	12.007	7 000			400			- 1		1	1		
75	13,087	7,086	205	12	193	1,458	5,423	6,001	168	11	157	1,254	4,
76	13,670	7,488	223	10	213	1,517	5,748	6,182	169	21	148	1,336	4,
77		7,964	253	14	239	1,621	6,090	6,606	232	16	216	1,352	5,
78		8,366	243	17	226	1,707	3,416	7,122	216	14	202	1,440	5,
79	15,581	8,493	239	14	226	1,686	6,568	7,088	207	15	192	1,445	5,
30	15,053	8,008	247	11	236	1,545	6,215	7,045	183	20	163	1,370	5,
31		7,804	205	14	191	1,395	6,204	6,880	125	13	112	1,230	5, 5,
32		7,319	142	5	137	1,291	5,886	9,500	136	9	127	1,144	Э,



Table 63. Employment status of the population 14 to 24 years old by school enrollment, sex, and age, October 1947-82—Continued

School enrollment and year	Total, 14 to												
School enrollment and year	14 (0	Tatal	14	to 17 year	ars			Total	14	to 17 ye	ars	_	
	24 years	Total. 14 to 24 years	Total	14 to 15 years	16 to 17 years	18 to 19 years	20 to 24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	18 to 19 years	20 to 24 years
						Unemplo	yed (thou	ısands)					
ENROLLED	l			•								•	•
47	(1)	(1)	20	(1)	(¹)	8	(1)	(1)	12	(1)	(1)	5	(
48	61	46	19	(1)	(')	9	19	15	10	(')	(1)		
49	116	84	51	(1)	(1)	8	25	32	25	(1)	(1)	: 2	
50	. 89	53	38	(¹) ·	(¹)	13	2	36	29	(1)	(1)	6	
51		58	44	(1)	(1)	6	8	24	18	(1)	(1)	2	
52		44	36	(1)	(1)	6	2	22	20	(')	(1)	2	
53	. 66	47	40	. 7	33	5	2	18	7	-	7	. 7	•
54	126	100	67	. 21	46	13	20	26	19	. 4	; 15	5.	
55	150	101	61	19	. 42	33	7	49	36	19	: 17	11	:
56		102	62	17	45	20	20	49	41	4	37	4	
57		121		26	48	24	23	57	l .	12	33	6	•
58		171	105	39	66	28	38	59	40	5	35	13	:
59			103	25	76	31	23	71	54	10	44	11	
	2.10	405	400	40	. 89	39	18	75	58	10	48	13	
60		165	108	19 46	95	39	18	98	69	16	53	19	i
81		198	141	34	•	. 41	' 38	111	70	. 21	. 49	22	İ
62		199 226	120 151	' 28	123	40	35	153	103	28	75	30	
63		224	145	•		38	. 41 :	158	110	9	101	26	 
64	.: 302	224	145		. 104		7'	100		i	1		ĺ
65	423	293	181	42	139	75	37	130	74	7	67	34	
66		232	151	40	111	56	25	138	84	12	72	43	
67		394	275	87	188	74	45	204	116	25	91	50	
68	. 551	351	234	76	158	74	43	200	124	23	101	49	
69	. 701	383	228	46	182	82	73	318	207	į <b>47</b>	160	į <b>71</b>	
	1 040		204	77	227	115	95	334	222	42	180	78	ļ.
	1 .	514	304	77 87	227	100	100	362	225	54	171	81	
71		561	361	96	230	96	93	394	353	58	194	88	1
72		515	326 344	105	239	91	81	365	266	48	218	61	i
73		516 555	360	105	254	85	109	505	340	83	257	94	1
<b>174</b>	! 1,000	. 555	300								!		}
75	. 1,196	635	374	94	280	115	145	562	351	79	272	119	
76	. 1,171	664	414	93	321	127	124	506	309	78	231	112	] ]
	. 1,226	658	438	165	273	120	101	568	350	98	252	131	ļ
78	. 1,167	642	; 430	129	301	129	83	524	335	83	252	106	
79	. 1,161	613	373	99	274	112	128	548	359	; 91	269	101	
	1,195	674	430	108	322	137	107	520	315	66	249	99	1
981		T 1		1		)		601	340	82	258	172	!
182		785	447		•	157	•	590	326	62	264	159	1
	1	!	!			-			İ	!			İ
NOT ENROLLED	1 /13		89	! (¹)	ˈ (¹)	89	: (¹)	(1)	42	(1)	(')	54	
947			53					184	29		· (i)	48	1
		335 714						371	50	(1)	1 :	114	2
<b>40</b>	1	!					1	1		i ii	1	74	
		279		(1)		72		243	38	(1)	(1)	. 74 60	1
951		200				48	114	188	32	. (1)	(¹) (¹)		
052		208	60	· (¹)		36	112	186	34	(¹) : 2	. 30	:	•
953	324 621	171 342	. 58 68	2 8	56 56	48 63	66 215	152 279	: 32 : 51	. 2	47		. 1



Table 63. Employment status of the population 14 to 24 years old by school enrollment, sex, and age, October 1947-82—Continued

	T ·	,		Me	en 			-		Won	ne <b>n</b>	•	•
School enrollment and year	Total.	Total,	. 14	to 17 ye	ars	i 18 to	20 to	Total,	, 14 ,	to 17 ye	ars ·	18 to	. 20
	24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	19 years	24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	years	yea
		-			Unem	ployed (t	housands	s)—Contin	nued				
NOT ENROLLED—Continued	,	1		r		:	· · · · · · · · · · · · · · · · · · ·		:			•	T
55		259	71	2	69	57	131	245	29	2	27	74	. 1
56;	480		62	9	53	47	146	225	27	5	22	66	1
57		372	58	7	51	103	211	203	31	-	32		1
58		570	96	. 8	. 88	153	321	358	62	. 4	58	104	!
9	828	486	89	3	86	: 154	243	342	38	3	35	125	•
io	896	520	71	6	65	177	272 ,	376	60	8	52	138	i
81	1,031	568	77	8	69	170	321	463	50	. 1	49	170	i
<b>[2</b> ]	874	455	46	. 4	. 42	138	271	419	42	; <del>-</del>	42	139	!
3	1,022	481	59	3	56	157	265	541	75	·	. 75	169	
4	962	484	39		39	146	299	478	59	3	. 56	174	-
5	772	349	56		56	128	165	423	46	_	46	178	ļ
6	748	283	51	1	50	100	132	465	55	2	. 53	175	
7	873	337	56	6	50	120	161	536	48	4	44	211	1
8	802	324	30	6	33	104	181	478	42	1	. 41	165	į
9	824	340	41	3	38	101	198	484	58	3	55	148	ĺ
o	1,333	704	76	3	73	187	441	629	53	1	52	220	
1	1,405	719	64	4	60	202	453	686	63	4	59	216	İ
2		720	73	2	71	190	457	770	61	1	59	224	
3	1,249	581	79	8	71	174	328	668	56	5	51		} :
/4	1,688	858	89	6	83	284	485	830	74	2	. 72	282	i
, e	2,299	4 000	440	5	106	333	784	1.070	97	2	95	294	
56		1,229 1,128	112 92	8	85	319	717	1,070	93	7		304	i I
77	1.983	954	93	5	88	266	595	1,029	72	4	68	300	1
78	1,751	862	103	5	98	223	536	889	76	4	72	270	ĺ
79	1,911	906	59	7	52	268	579	1,005	84	4	81	316	
100	0.454	4 440	00	_	00	050	أمدا	1041	70	5	67	205	
30	2,451 2,591	1,410	92 83	4 9	88 74	359 359	959 963	1,041	72 68	3		295 351	
31	3,134	1,405 1,744	115	2	113	430	1,199	1 186 1,388	57	2		411	ļ
32	3,134	1,/44	110		l 113	430	1,138	1,300		1	. 55	i	
						Unem	ployment	rate					
ENROLLED	,								·	I	ī I	, ,	1,
17	(1)	(1)	2.7	(¹)	(1)	5.4	(1)	(1)	3.1	(1)	(1)	5.6	i
18		3.6	2.3	(1)	įή	4.7	7.9	2.5	2.1	(1)	(1)		ļ
19	6.2	7.0	6.6	('')	(1)	4.9	9.7	4.7	5.0	(1)	(i)		
	0.7		0.0	.,,	1 (1)	E 2	ا م!	4.2	1 47	(1)	' (1)	4.2	
50	3.7 3.6	3.4 4.1	3.6 4.3	(1)		5.3 3.5	3.3	4.3 3.0	4.7 2.7	(¹) (¹)	(¹) (¹)	4.2 1.6	i
52	3.8	3.4	3.8	(¹) (¹)	(¹) (¹)	3.1	1.2	3.4	3.9	(1)	(1)	(3)	!
53	3.5	3.8	4.7	1.8	7.0	2.4	1.2	2.7	1.5		2.5	(3)	!
4	5.4	6.7	6.5	4.5	8.1	6.5	7.5	3.1	3.2	2.0		4.0	
									:				i
5	5.5	5.6	5.1	3.7	6.2	10.0	2.4	5.4	5.7	6.7		8.1	
6	5.0 5.6	5.4	5.2	3.1 4.5	7.0 6.9	6.3 8.0	5.2 5.5	4 4 4.9	5.3 5.7	3.9	8.0 6.8	2.5 3.6	
i8	7.4	6.1 8.4	5.8 8.2	7.6	8.7	9.1	8.4	4.9 5.5	5.6	1.8	8.1		
9	6.8	7.4	7.6	4.4	10.0	9.4	5.2	5.7	6.2	2.8	8.5	5.6	1
•			, .0		10.0	3.7	٥.٤	3.7	J. <b>L</b>	i i			
0	7.1	7.6	7.8	3.3	110	10.5	4.3	6.2	6.9	3.0	9.5	6.2	
1	8.3	8.9	10.4	7.5	12.9	10.2	3.7	7.4	7.7	3.6	11.5	8.1	
2	8.0	8.0	84	5.2	10.9	9.7	6.1	8.0	7.4	5.1	9.3	10.8	!
3	9.0	8.3	9.5	4.6 6.7	12.4	9.2	5.1	10.1	10.2	8.0	11.4	11.9	
	8.9	8.2	8.8	6.7	10.1	8.5	6.4	10.0	10.3	2.3	14.8	10.8	
5	8.3	9.1	9.8	6.0	12.2	12.3	4.8	7.0	6.2	1.7	8.6	9.4	
68	7.5	7.8	8.4	6.6	9.2	8.1	3.2	7.4	6.9	2.9	8.9	96	
	10.2	11.1	14.0	13.5	14.2	113	4.9	8.9	8.5	4.8	108	11.5	į
7 ,													
57	!	92	11.5	10.6	11.9	9.1	4.5	8.5	8.8 12.9	4.5 9.1	11 1	10.8 13.2	



Table 63. Employment status of the population 14 to 24 years old by school enrollment, sex, and age, October 1947-82—Continued

				Me	n					Won		·	r
	Total,	Total.	14	to 17 yea	ars			Total.	14	to 17 ye	ars	10 10	20
School enrollment and year	14 to 24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	18 to 19 years	20 to 24 years	14 to 24 years	Total	14 to 15 years	16 to 17 years	18 to 19 years	20 24 yea
					Une	mploym	ent rate-	-Continue	d			<b>,</b>	<b>,</b>
ENROLLED—Continued								44.4	413.0	7.0	150	13.8	<u>.</u>
0		13.2	14.6	10.9	16.5	15.3	9.0	11.4	13.0	7.3	15.9	13.5	
1		13.0	15.6	10.4	18.7	12.0	8.6	12.3	13.5	9.4 9.3	15.7 16.5	14.8	! '
2		12.3	14.6	12.6	15.5	11.4	7.7	12.6	14.0	1		10.6	ļ .
3	11.2	11.5	13.8	12.4	14.5	11,2	6.9	10.8	13.0	7.0	16.1	1	
4	13.0	12 4	14.7	12.7	15.6	11.0	8.8	13.8	16.1	12.0	18.1	14.4	
	1		150	42.4	17.4	14,1	12.1	14.9	17.2	12.9	19.2	15.8	
5		14.5	15.9	12.4		l .	9.2	12.9	15.5	12.4	17.0	13.7	İ
'6	1 3	14.5	17.4	12.6	19.5	14.7	1 1	13.8	18.4	14.0	17.6	15.5	
7		13.6	16.7	19.3	15.5	13.3	7.5	ı	14.6	11.9	15.7	12.9	
'8		13.4	16.8	16.7	16.9	13.9	63	12.2	1		17.2	12.1	
'9	. <sub>!</sub> 13.0	13.1	14.7	12.7	15.5	14.0	9.7	13.0	16.4	14.4	17.2	12.1	1
_	400	45.0	10.4	101	19.8	15.8	8.1	12.5	14.7	12.5	16.9	11.4	
	13.9	15.3	19.4	18.1		1	8.7	14 8	18.3	16.0	19.2	18.8	
11		14.2	17.1	13.5	18.3	15.7	12.8	14.5	18.3	2.5	20.5	17.7	
)2	. 16.7	18.8	23.4	20.4	24.6	18.5	12.0	14.5	10.3	2.5	20.5	11.1	1
NOT ENROLLED				1	1	1			ļ	1			
	.i (1)	(1)	11.0	(1)	(1)	7.4	(1)	(1)	9.1	(1)	(')	5.0	İ
		5.3	7.8	(1)	(4)	7.5	4.3	4.5	6.9	(1)	(1)	4.6	
18		11.6	16.6	(1)	(i)	12.0	10.7	9.0	12.5	(1)	(1)	10.7	1
l9	. 10.5	11.0	10.0	, ,	, ,	12.0	10.1	1 0.0	1	` ` `	` '	İ	1
50	5.2	4.7	10.9	(1)	(')	6.1	3.4	5.9	10.0	(1)	(')	7.8	
51	- 1	3.8	7.4	(1)	(i)	4.5	3.3	4.5	10.8	(1)	(1)	6.1	ļ
		4.9	10.6	(i)	l è	3.8	3.8	4.3	9.7	(1)	(1)	6.9	1
52	1 .	4.1	11.6	(3)	12.9	4.7	2.5	4.2	10.3	(3)	10.4	5.2	1
53	:	8.5	15.7	(3)	15.8	6.6	8.0	7.7	19.8	(3)	20.6	9.9	1
54	. 8.1	6.5	15.7	( )	13.5	0.5	1 0.0			\ '		1	
55	6.2	5.9	16.6	(3)	18.4	5.9	4.4	6.5	9.7	(3)	9.8	7.2	1
56	5.9	5.8	14.7	(e)	13.9	5.3	4.7	6.1	9.6	(3)	8.5	6.9	1
ob	7.2	8.3	16.0	(3)	15.4	10.9	6.6	5.9	12.9	(a)	14.2	6.0	
57		12.3	24.1	(3)	25.7	16.6	9.7	9.8	21.8	(a)	22.5	11.0	1
58		!		(3)	25.7	15.1	6.9	9.5	15.2	(3)	15.2	13.1	i
59	9.7	9.9	24.3	(5)	25.7	13.1	0.5	0.5		1 '			i
50	10.1	10.1	18.5	(3)	18.3	16.5	7.4	9.9	20.2	(3)	19.0	13.0	ŀ
50	11.2	10.9	21.8	(3)	21.5	15.2	8.5	11.6	19.0	(3)	20.2	14.5	1
61		9.0	15.1	(3)	15.1	13.0	7.3	10.3	17.9	(3)	18.8	12.3	ļ
62		9.3	20.1	(a)	20.5	14.8	7.0	13.0	33.0	(3)	34.6	14.9	ł
63					14.8	13.3	7.3	10.3	25.3	(3)	26.0	15.3	i
64	9.7	8.8	14.3	(3)	14.0	10.0	'.5	10.7		''		i	!
0.5	7.6	6.3	15.7	(3)	16.4	10.4	4.2	9.2	22.4	(3)	23.7	13.7	Ì
65	:	5.5		(3)	19.4	8.4	3.3	10.4	26.4	(3)	27.0	12.6	ĺ
66		6.2	1	(3)	20.5	10.7	4.0	10.6	22.4	(י) !	22.0	16.1	!
67		6.1	1	(3)	15.2	9.5	4.5	9.0	24.0	(3)	25.9	12.9	j
68	·	6.1		(3)	15.4	8.9	4.7	8.6	26.6	(3)	26.7	11.0	
69	7.4	0.1	13.3	1 ''	10.4	1	"				1	_	i
70	. 109	111	26.7	(3)	28.5	14.1	9.4	10.7	28.0	(3)	29.0	16.4	
71		10.7		(3)	24.9	14.6	8.9	11.3	30.7	(3)	30.1	167	
72		9.5	1	! (3)	23.3	11.9	8.1	11.8	24.3	j (3)	25.4	15.2	
73		7.1		(3)	20.6	9.9	5.3	9.6	20.0	(3)	19.7	13.8	1
		10.2		(3)	22.0	15.3	7.8	11.6	24.1	(3)	25.1	16.9	i
74	10.0	10.2	1 -1.5	1 '	1	1		_		1			1
75	. 14.9	14.8	35.5	(3)	35.7	18.6	12.6	15.1		(3)	37.6		
76		13.1		(3)	28.3	17.3	11.0	15.0			36.9	18.5	i i
77	11.9			(3)	26.8	14.1	8.8	13.5	1		24.1	:	•
78	100	9.2		1 486	30.3	11.5	7.5	11.0	26.2	(3)	26.4		•
	40.0					13.7	:	12.4	29.4		29 7	17.9	;
79		,	1	;	i		:	1			00.0	470	:
<b>6</b> 0	14.0	15.0	i 27.1	(5)	26.9	18.8	13.4		28.2				
81	. 450		28.8			20.5		·	35.4				
		i 19.2	44.6	(3)	45.2	25.0	16.9	17.7	29.5	; (3)	30.0	26.4	!

<sup>1</sup> Not available

100,000; for 1967 forward, percent not shown where base is less than 75,000.

NOTE: Because the number of 14- to 15-year-olds who are not enrolled in school is very small, the sampling variability for this group is relatively high.



<sup>&</sup>lt;sup>2</sup> Percent of the civilian noninstitutional population in the civilian labor force

<sup>\*</sup> For years prior to 1967, percent not shown where base is less than

Table 64. Employment status of recent high school graduates not enrolled in college and of school dropouts 16 to 24 years old by selected characteristics, October 1960-82

[Numbers in thousands]

	<b>_</b>	·	High so	chool grad	uates				<b>-</b>	Sch	ool dropou	uts		
	! !	<u></u>	Civi	lian labor f	orce					Civil	lan labor i	force		
	i   • · · · · · -	To	tai		Unem	ployed	1	i	To	tai		Unem	ployed	-∤ -{
fear and characteristic	Civillan noninsti- tutional popula- tion	Num- ber	Per- cent of popu- lation	Em- ployed	Num- ber	Per- cent of civil- ian labor force	Not in labor force	Civillan noninsti- tutional popula- tion	Num- ber	Per- cent of popu- lation	Em- ployed	Num- ber	Per- cent of civil- ian labor force	Not in labor force
1960			!											
Total	921	706	76.7	599	107	15.2	215	344	214	62.2	175	20	40.0	400
Men	348	308	88.5	262	46	14.9	40	165	126	76.4	102	39 24	18.2 19.0	130 39
Women		398	69.5	337	61	15.3	175	179	88	49.2	73	15	(1)	ຸ 38   91
Single	473	359	75.9	308	51	14.2	114	110	71	64.5	60	11	(1)	38
Married, widowed, di-							ļ i		,	04.0		''	( )	ا ع
vorced, separated	100	39	39.0	29	10	(1)	61	69	17	(1)	13	4	(1)	52
White	848	653	77.0	568	85	13.0	195	273	183	59.7	133	30	18.4	110
Black and other	73	53	(1)	31	22	(1)	20	71	51	(1)	42	9	(1)	20
Total	916	730	79.7	599	404	470	400	e= .						
Men		297	86.1	242	131 55	17.9 18.5	186	354	239	67.5	175	64	26.8	115
Women	571		75.8	357	76	17.6	48	179	150	83.8	108	42	28.0	29
Single		392	81.3	326	66	16.8	138 90	175 119	89 75	50.9 63.0	87	22	(1)	86
Married, widowed, di-				525		10.0	30	פוו	/5	63.0	55	20	(1)	44
vorced, separated	89	41	(1)	31	10 i	(1)	48	56	14	(1)	12	2	/13	40
White	814	651	80.0	545	106	16.3	163	283	189	66.8	134	55	(¹) 29.1	42 94
Black and other	102	79	77.4	54	25	(¹)	23	71	50	(1)	41	9	(1)	21
1962	i		ļ	į		` [	- :		j	` ' '	- 71		(7)	21
Total	938	746	79.5	641	105	444	400	505	404		!		!	
Men		356	90.8	305	105 <sup>1</sup> 51 i	14.1 i 14.3 i	192 36	285	161	• 56.5	115	46	28.8	124
Women	546	390	71.4	336	54	13.8	156	126 159	107 54	84.9 34.0	78 j	29	27.1	19
Single	469 !	352	75.1	309	43	12.2	117	83 :	43		37   28	17 <sub> </sub> 15	(')	105
Married, widowed, di-									75	(')	20	13	(1)	40
vorced. separated	77	38	(¹) ¦	27	11	(')	39	76	11	(i)	9 !	2	(י)	85
White	820	657	80.1	568	89	13.5	163	210	113	53.8	83 !	30	26.5	97
Black and other	118	89	75.4	73	16	(1)	29	75	48	(')	42	16	(¹) i	27
1963		1	ĺ	i	i		:	i	į	` `		-	` '	
Total	957	755	78.9	619	136	18.0	202	273	180	65.9	100		24.7	00
Men	379	340	89.7	275	65	19.1	39	132	110 .	83.3	123   85	57 ; 25	31.7 <sup>‡</sup> 22.7	93 22
Women	578	415	71.8	344	71	17.1	163	141	70	49.6	38	32 :	(¹)	71
Single	489	368	75.3	311	57	15.5	121	<b>79</b> i	50	(1)	25	25	(')	29
Married, widowed, di-	!	1		;	i	1			- 1	· ' / j		-0		20
vorced, separated	89	47	(1)	33 ¦	14	(1)	42	62	20	(1)	13	7	(1)	42
White	879	690	78.5	580	110	15.9	189	217	151	69.6	101	50	33.1 <sup>1</sup>	66
Black and other	78	65	(')	39	26	(')	13	56	29	(1)	22 ;	7	(±)	27
1964	İ	í	İ	,	!	į	ļ	!	- 1	- 1	i	- 1	;	
Tolai	1,108	863	77.9 i	702 i	161	187	245	606	335	55.3	252	83	24.8	271
Men	427	388	90.9	338	50	12.9	39	273	209	76.6	172	37	17.7	64
Nomen	681	475	69.8	364	111 !	23.4	206	333	126	37.8	80	46	36.5	207
Single Married, widowed, di-	574 ;	432	75.3	334	98 <sub>!</sub>	22.7	142	192	92	47.9	57	35	(1)	100
vorced, separated	107	43	40.2	30	13	(e)	64	141	34	24.1	23	11	(¹) <sup>1</sup>	107
White	997 1	773	77.5	644	129	16.8	224	464	245	52.8	182	63	25.7	219
Black and other	111	90 ;	81.1	58	32	(1)	21	142	90	63.4	70	20	(1)	52
1965	!		i .	_ [		•		i	1	1	1	1	i	
Total	1,305	1,071	82.1	938	133 1	12.4	234	682	416	61.0 ¦	327	89 '	21 4	266
Men	536	488 !	91.0	452	36	74:	48	361	299	82.8	24	58	19.4	62
Vomen	769	583	75 8	486	97	16.6	186	321	117	36.4	83	31	26.5	204
Single	645 ¦	508	78.8	425	83	16.3	137	175	86	49.1	63	21 :	(1)	89
vorced, separated	124	75	60.5	61	14	(1)	49	146	31	21.2	21	10 ¦	(¹) ¦	115
Vhite	1,168	963	82.4	859	104 .	10.8	205	541	327	6U.4	253	74	22 6	21
Black and Other	137	108 !	78.8 .	79	29	26.9	29	141	89	63.1	74 :	15	(¹) <sup>1</sup>	52



Table 64. Employment status of recent high school graduates not enrolled in college and of school dropouts 16 to 24 years old by selected characteristics, October 1960-82—Continued

[Numbers in thousands]

ļ			High sc	hool gradu	JATES					SCIR	ol dropou			Υ
			Civil	an labor f	orce			:		Civili	an labor fo	orce		
	Challin a	То	tai		Unemp	oloyed		Civilian	То	tai		Unem	oloyed	
Year and selected characteristic	Civilian noninsti- tutional popula- tion	Num- ber	Per- cent of popu- lation	Em- ployed	Num- ber	Per- cent of civil- ian labor force	Not in labor force	noninsti- tutional popula- tion	Num- ber	Per- cent of popu- lation	Em- ployed	Num- ber	Per- cent of civil- ian labor force	Not labor
1966							,							
Total	1,303	986	75.7	846	140	14.2	317	589	367	62.3	303	64	17.4	2
Aen	498	435	87.3	397	38	8.7	63	294	236	80.3	204	32	13.8	1
Vomen	805	551	68.4	449	102	18.5	254	295	131	44.4	99	32	24.4	1
Single	668	485	72.6	399	86	17.7	183	175	95	54.3	69	26	(')	1
Married, widowed di-				1	1			1	İ	•			1	
vorced, separated	137	66	48.2	50	16	(1)	71	120	36	30.0	30	6	(1)	j
White	1,160	893	77.2	778	115	12.9	267	454	290	63.9	243	47	16.2	1
Black and other	143	93	65.0	68	25	(1)	50	135	77	57.0	60	17	(1)	1
	1		00.0			, ,		1		1	1			1
1967						1 ,								١.
Total	1,215	956	78.7	801	155	16.2	259	614	391	63.7	309	82	21.0	3
Aen		419	86.6	379	40	9.5	65	320	257	80.3	208	49	19.1	
Vomen	731	537	73.6	422	115	21.4	194	294	134	45.6	101	33	24.6	1
Single	631	486	77.0	384	102	21.0	145	173	84	48.6	62	22	26.2	1
Married, widowed, di-						1	ļ	1		1			ļ	1
vorced, separated	100	51	51.0	38	13	(1)	49	121	50	41.3	39	11	(1)	1
	1,065	847	79.6	728	119	14.0	218	476	301	63.3	242	59	19.6	1 '
White	150	109	72.7	73	36	33.0	41	138	90	65.2	67	23	25.6	
Black and other 1968	150	109	/ 6/	"		00.0	,							
Totai	1,162	904	77.8	782	122	13.5	258	610	390	63.9	305	85	21.8	1
Men		384	88.1	345	39	10.2	52	310	249	80.3	203	46	18.5	
Women		520	71.6	437	83	16.0	206	300	141	47.0	102	39	27.7	
	591	449	76.0	380	69	15.4	142	170	98	57.6	71	27	27.6	1
Single Married, widowed. di-	351	770	70.0	1				ł			!	1	•	1
Marrieu, wooweu. ur	135	71	52.6	57	14	(1)	64	130	43	33.1	31	12	(1)	1
vorced, separated	999	775	77.4	684	91	11.7	224	462	305	66.0	245	60	19.7	
White	1		79.1	98	31	24.0	34	148	85	57.4	60	25	29.4	1
Black and other	163	129	/8.1	30	ן זי	24.0	54	140		0,	1			1
1969						İ				1	1	l	]	
Total	1,326	1,049	79.1	929	120	11.4	277	661	405	61.3	337	68	16.8	1
Men		486	90.0	449	37	7.6	54	341	279	81.8	238	41	14.7	
Woman		563	71.6	480	83	14.7	223	320	126	39.4	99	27	21.4	1
Women	647	494	76.4	425	69	14.0	153	185	89	48.1	70	19	21.3	1
Single	. 547	707	70.4	725		1							I	1
Married, widowed, di-	400	- 00	49.6	55	14	(1)	70	135	37	27.4	29	8	(1)	ŀ
vorced, separated		1	1	834	76	8.5	232	519	316	60.9	267	49	15.5	
White	1		80.2	95	43	31.2	45	142	89	62.7	70	19	21.3	
Black and other	. 190	138	72.6	95	-3	31.2	75	176		J	'•			
1970	ļ			į.		1		1	ĺ					1
Total	. 1,330	1,027	77.2	841	186	18.1	303	712	427	60.0	318	109	25.5	1
Men	1	526	87.4	458	68	12.9	76	370	292	78.9	209	83	28.4	1
Women	1	501	68.8	363	118	23.6	227	342	135	39.5	109	26	19.3	
	3	441	75.8	334	107	24.3	141	222	109	49.1	89	20	18.3	1
Single	. 302	1		1	'		1				1	1		-
Married, widowed. di-	146	60	41.1	49	11	(1)	86	120	26	21.7	20	6	(1)	
vorced, separated	1	1			150			545	339	62.2	264	75	22.1	
White	1	•	1	i i	36			187	88	52.7	54	34	38.6	ı,
Black and Other	.  153	105	68.6	69	30	34.3								
	1 4007	1,052	78.7	871	181	17.2	285	657	416	63.4	306	110	26.5	1
Total		1			73	14.0	1	354	287	81.0	210	1	26.6	Į.
Men			90.0		1		1	303	130	42.9	96	34	26.4	
Women			69.9		i	20.5	1	t	96	53.7	74	22	22.9	
Single	612	454	74.2	355	99	21.8	158	182	80	33.7	1 "	2.0	22.0	ļ
Married, widowed, di-			1	1		1	1	1		07.0	1		/115	1
vorced, separated	. 143		51.7	65				121	33	27.3	21	12	(1)	
White			79.3	801	143			541	354	65.4				- 1
Black and other			,		38	35.5	39	115	i 62	53.9	39	23	{ 1 (1)	1



Table 64. Employment status of recent high school graduates not enrolled in college and of school dropouts 16 to 24 years old by selected characteristics, October 1960-82—Continued [Numbers in thousands]

	ļ	_	High sc	chool grad	uates		<del></del>			Sch	ool dropou	rts		
	ļ		Civil	ian labor i	lorce					Civi	llan labor 1	force	•	
M ==4 + + +	Civilian	To	tal		Unem	ployed		Civilian	To	tal		Unem	ployed	
Year and selected characteristic	noninati- tutional popula- tion	Num- ber	Per- cent of popu- lation	Em- ployed	Num- ber	Per- cent of civil- ian labor force	Not in labor force	noninsti- tutional popula- tion	Num- ber	Per- cent of nopu- lation	Em- ployed	Num- ber	Per- cent of civil- ian labor force	Not i labo force
1972														<u> </u>
Total	1,506	1,239	82.2	1,056	182	14.7	267	734	460	82.8		400		
Men		613	91.2	538	75	12.3	59	372	306	82.3	338 235	122 71	26.4 23.3	27
Women	834	325	75.0	518	197	17.1	208	362	153	42.3	103	50	32.7	20
Single	675	536	79.4	449	87	16.2	139	204	112	55.0	78	36	32.1	9
Married, widowed, di-									,	00.0	,,,	30	32.1	•
vorced, separated	158	89	56.4	69	20	22.5	89	158	42	26.8	28	14	(1)	110
White	1,323	1,098	83.1	964	134	12.2	225	575	356	62.0	272	84	23.6	216
Black and other	183	140	76.5	92	49	35.0	43	158	103	65.1	65	38	36.9	58
Total	1,637	1,320	80.6	1,157	163	12.3	317	790	523	66.2	407	اميي	00.4	
Men	730	659	90.2	597	63	9.8	71	444	380	81.1	407 273	116 87	22.1 24.2	267 84
Women	907	661	72.8	561	100	15.2	246	348	163	47.1	134	30	18.4	183
Single	732	562	76.7	479	83	14.7	170	230	121	52.8	97	25	20.7	106
Married, widowed, di-														'~
vorced, separated	174	96	56.4	81	17	17.3	78	116	42	36.2	37	5	(1)	75
White	1,406	1,158	82.3	1,042	117	10.1	248	610	424	69.4	334	90	21.2	187
j	231	161	69.7	115	46	28.8	71	177	96	55.4	72	26	26.5	80
1974														
Total	1,631	1,358	83.2	1,127	231	17.0	273	813	545	67.1	391	154	28.2	268
Women	758 873	681 677	89.8	576	105	15.3	77	444	366	82.5	276	90	24.5	78
Single	698	573	77.5 82.0	551 475	126 98	18.6	196	369	180	48.8	115	65	36.1	190
Married, widowed, di-	000	5/3	62.0	4/5	•	17.0	125	245	128	52.3	82	46	35.9	117
vorced, separated	174	103	59.3	75	28	27.2	71	125	53	41.8	33	19	(¹) .	73
White	1,449	1,223	84.4	1,045	179	14.6	226	620	438	70.5	323	114	26.1	183
Black and other	183	134	73.2	82	52	38.8	49	167	103	55.2	63	40	38.8	84
1975		İ			- 1	-	ļ	ĺ	- 1	1			00.0	
Total	1.578	1,281	81.2	1,026	255	19.9	295	737	462	62.8	305	157	34.0	075
Men	721	660	91.5	534	126	19.1	61	364	300	82.5	197	103	34.3	275 <b>64</b>
Women	855	621	72.6	492	129	20.8	234	373	162	43.4	108	54	33.3	211
Single	686	522	76.0	418	104	19.8	164	234	110	47.0	71	39	35.5	123
Married, widowed, di-	İ		j	- 1		1	!	ĺ				1		
vorced, separated	167	97	58.2	72	25	25.8	70	139	51	36.7	36	15	(1)	88
White	1,379	1,138	82.5	944	195	17.1	240	583	372	63.7	269	103	27.8	211
Black and other	199	141	70.9	80	60	42.7	58	153	89	58.2	34	55	61.9	64
1976		ľ		- 1	1	1	- 1					- 1	- 1	
Total	1,535	1,290	84.1	1,057	233	16.0	245	749	471	62.9	326	145	30.7	278
Men	769	702	91.3	584	118	18.9	87	420	326	77.7	234	92	28.3	94
Women Single	766	588	76.7	473	115	19.5	178	329	145	44.0	92	53	36.6	184
Married, widowed, di-	616	496	80.9	401	97	19.6	118	217	103	47.5	65	38	36.9	115
vorced, separated	150	90	59.9	73	17	18.9	60	112	42	37.5	28	14		70
White	1,349	1,158	85.8	963	174	15.0	192	607	408	67.2	296	112	(¹) 273	70 1 <b>99</b>
Black and other	186	131	70.5	73	59	45.0	55	138	61	44.2	27	34	(1)	77
1977	Ì	Į.		]	- 1					1			_ ` '	••
Total	1,559	1,330	85.4	1,121	209	15.6	227	832	570	68.6	418	152	26.7	200
<b>Vie</b> n	714	648	90.8	555	93	14.4	66	443	359	81.0	270	89	24.8	262 84
Nomen	843	682	80.9	566	116	18.9	181	389	210	54.0	148	62	29.5	178
Single	707	591	83.6	484	107	18.2	116	278	154	55.8	103	51	33.0	122
Married, widowed, di-		ĺ			}							- · ·		,
vorced, separated	137	₩2	87.1	83	9	9.9	45	113	57	50.4	45	12	(*)	56
White	1,365	1,184	86.8	1,029	154	13.0	181	661	472	71.5	361	112	23.7	188
Stack *	159	126	74.6	73	53	42.1	43	157	91	58.1	52	39	42.9	66



Table 64. Employment status of recent high school graduates not enrolled in college and of school dropouts 16 to 24 years of age by selected characteristics, October 1960-82—Continued

[Numbers in thousands]

			High sc	hool gradi	uates		i	i		Scho	ool dropou	IS		
		1	Civili	ian labor f	orce		;	:	I	Civil	in labor f	orce		į
!		To	tal	1	Unem	ployed			, To	tal	· :	Unem	ployed	:
Year and selected characteristic	Civilian noninsti- tutional popula- tion	Num- ber	Per- cent of popu- lation	Em- ployed	Num- ber	Per- cent of civil- ian labor force	Not in labor force	Civilian noninsti- tutional popula- tion	Num- ber	Per- cent of popu- lation	Em- ployed	Num- ber	Per- cent of civil- ian labor force	Not i labo force
1978		1				· .			<u>:</u>	1	1			
Total	1,565	1,366	86.3	1,173	193	14.0	219	839	576	68.8	417	159	27.6	20
Vien		673	91.8	597	. 75	11.2	60	479	384	80.2	292	92	24.0	
Nomen		693	81.3	575	118	17.0	159	360	<sup>1</sup> 192	53.4	125	66	34.4	1
Single		600	84.6	501	99	16.G	109	237	: 139	58.6	83	, 55	39.6	
Married, widowed, di-			i	İ			i	T	i	! !	1	1	İ	1
vorced, separated	143	92	64.3	74	18	19.6	51	122	53	43.4	42	11	( <sup>2</sup> )	1 (
White		1,203	87.7	1,077	125	10.4	169	647	465	720	337	128	27.4	11
Black 2	191	145	75.9	87	58	40.0	46	176	104	59.1	69	ູ່ 35	33.7	1
		1			1		i	1	!	(	1			İ
1979		1 4 000		4 400	004	1 40 4		812	536	66.0	206	139	25.8	2
Total		1,396	86.8	1,166	231	16.4	214 59	400	316	79.0	396 256	60	19.0	
Men	738	679	92.0	584	95	139		412	220	53.4	140	80	36.4	1
Women		718	82.2	582	136	18.9	155			52.7	1 140	66	42.6	1
Single	746	629	84.2	512	117	18.6	117	294	, 155	1 32.7	05	. 00	; 42.0	'
Married, widowed, di-	i				40	00.5	20	116	62	; 53.4	49	13	(1)	
vorced, separated		88	69.8	70	18	20.5	38	116	432	68.6	333	99	22.8	118
White		1.236	88.2	1,064	172	13.9	164	629	84	53.2	46	38	45.2	'3
Black 2	177	128	<sub>i</sub> 72.3	77	50	39.1	49	158	. 04	33.2	40	30	45.2	1 '
1980	•	1	1			1	1 !	İ	1		!			
Total	1,575	1,339	85.1	1,08	254	19.0	236	759	485	63.8	332	153	31.5	27
Men	1	723	89.7	د 5٤	138	19.1	83	428	311	72.8	217	95	30.5	1.
Women	1 111	516	80.1	500	115	i 18.8	153	331	173	52.3	115	58	33.5	1 15
Single	1	525	80.9	423	102	19.4	123	229	128	55.8	80	48	37.5	10
Married, widowed, di-	1	;	1	!	i	1	1	ļ	}	ł	1	1		1
vorced, separated	120	90	75.1	77	13	14.4	30	102	46	45.1	36	10	(1)	i (
White		1,173	87.3	999	174	14.8	170	588	398	67.7	291	107	26.9	19
Black 2		149	71.0	73	77	51.7	61	151	76	50.4	33	43	56,6	1 :
	i			!	!	1	1			İ	-			1
1981					050			740	450	62.5	289	164	36.2	26
Total		1,180	83.9	927	253	21.4	227	713	453	63.5	191	78	29.0	ا آ
Men		586	86.9	472	114	19.5	88	363	269 184	74.1 52.6	98	86	46.7	10
Women		594	81.0	455	139	23.4	139	350	146		78	68	46.6	1
Single	616	522	84.7	396	126	24.1	94	275	140	53.1	/ "	00	40.0	1 "
Married, widowed, di-	Į L	1	i	1		1 455	1	1	- 00	E0.7	! 20	10	/13	1 :
vorced, separated	116	71	61.2			(2)		75		50.7 68.6	20	106	29.0	1 10
White	, .	1,030	86.4	854	176	17.1		532		46.4	238	57	73.1	'6
Black 2	205	142	69.3	66	76	53.5	63	168	78	40.4	21	37	75.1	1 '
1 <del>98</del> 2			1	•	1	-		į.	1		}	-		1
Total	1,532	1,257	82.0	926	331	26.3	275	668	421	63.0	246	175	41.6	24
Men		660	85 8	499	161		109		272	76.6	154	118	43.4	; (
nemoW			78.2	427	170	28.5				47.6	92	57	38.3	16
Single		•	79.7	374	149	28.5	133	1	•	50.5	67	42	38.5	110
Married, widowed, di-	1	:	1				!	!	l			1		ĺ
vorced, separated	. 109	76	69.7	54	22	28.9	33	96	40	41.7	25	15	(1)	
•			84 6	843	230	1	195	513	1		220	i -	36.0	
White: Black 2		169	69.3		98	58.0	75			51.9	20		(1)	
DIAUK T	. 244	108	; 55.3	, ,,	, 55	: 30.0	, ,	,		i	1		†	1

<sup>1</sup> See footnote 3, table 63.

NOTE For the years 1960-63, data on school dropouts cover a 9-month

period; for 1964 forward, a 12-month calendar year. Data on graduates refer to October of the year of graduation.



<sup>&</sup>lt;sup>2</sup> Beginning with 1977, data refer to black workers only.

Table 65. Educational attainment of the civilian labor force by sex, race, and Hispanic origin, March, selected years, 1959–82

				•		Percent o	Hatribution			
	Sex, race, Hispanic origin, and year	Total 1 (thou-	!	Elem	entary	High	school	Col	ege	Media
	Out, 1900, Hepaino ongin, and year	sanda)	Total	Less than 5 years 2	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	schoo years com- pleted
	TOTAL									
959		65,842	100.0	5.3	25.2	19.6	30.7	9.3	9.6	12.
962		67,988	100.0	4.6	22.4	19.3	32.1	10.7	11.0	12.
964		69,926	100.0	3.7	20.9	19.2	34.5	10.6	11.2	12.
965		71,122	100.0	3.7	19.6	19.2	35.5	10.5	11.6	12.
			100.0	3.3	16.9	19.0	36.3	10.6	11.6	12.
		73,216	100.0	3.1	17.9	16.7	36.6	11.6	12.0	12.
968		75,101	160.0	2.9	16.6	18.2	37.5	12.2	12.4	12.
969		76,753	100.0	2.7	15.9	17.8	38.4	12.6	12.6	12.
		76,955	100.0	2.4	15.1	17.3	39.0	13.3	12.9	12.
971		, .	100.0	2.2	14.1	16.7	39.4	13.9	13.6	12.
972	***************************************	65,832	100.0	2.1	12.9	19.2	38.7	13.6	13.6	12.
973			100.0	2.0	11.6	16.6	39.4	14.2	14.1	12.
974		90,477	100.0	1.6	10.9	16.1	39.2	15.1	15.0	12.
975			100.0	1.7	10.0	17.6	39.6	15.5	15.7	12.
		94,329	100.0	1.5	9.1	17.2	39.7	16.1	16.5	12.
977		97,243	100.0	1.5	6.6	17.2	39.4	16.4	16.9	12.
			100.0	1.4	6.2	16.6	39.5	17.1	16.9	12.
979		103,476	100.0	1.4	7.5	16.0	39.9	17.6	17.6	12.0
980		105,449	100 0	1.2	7.1	15.5	40.1	17.9	16.2	12.
961		107,721	100.0	1.2	6.7	14.9	40.9	17.9	18.3	12.
962		106,762	100.0	1.1	6.2	14.3	41.0	16.0	19.3	12.
050	Men	44,286	100.0	6.1	26.0	<b>20.</b> 2	27.2	0.4	40.4	4.4
962 		45,011	100.0	5.4	26.9 24.2	20.2 19.6	27.2 26.7	9.1	10.4	11.
964		45,600	100.0	4.4	22.5	19.4	31.1	10.4 10.6	11.7 12.1	12. 12.
965		46,256	100.0		24.2	40.4	22.0	40.5	40.4	40
		48,358	100.0	4.4	21.3	19.4	32.0	10.5	12.4	12.
		46,571	100.0	3.9 3.7	20.6 19.7	19.3	32.6	10.7	12.6	12.
968 968		47,255	100.0	3.4	1	16.8	32.9	11.7	13.2	12.
969		47,862	100.0	3.2	18.6 17.6	16.6 16.1	33.8 34.4	12.2 12.6	13.6 13.9	12. 12.
70		48.691	100.0	2.9	16.9	17.5	35.1	13.5	14.2	12.
		49,553	100.0	2.7	15.6	16.9	35.7	14.0	14.2 14.9	12.
972		52,705	100.0	2.5	14.5	19.2	35.7 35.0	13.6	15.0	12.
		53,761	100.0	2.4	13.1	18.6	35.8	14.5	15.6	12.4
		54,767	100.0	2.3	12.4	16.0	36.0	14.9	16.4	12.
974		i	- 1	0.0	11.1	17.6	36.2	15.6	17.3	10
974		55 348	100 n			17.0 !	JQ.2	15.0		12.0 12.0
974 975		55,346 55,929	100.0	2.2		[	284	10.4	1891	
974 975 976		55,929	100.0	1.9	10.2	17.2	35.4 35.0	16.1	16.2	
974 975 976 977		55,929 57,189	100.0 100.0	1.9 1.9	10. <b>2</b> 9.6	17.2 17.3	35.9	16.5	16.7	12.0
974 975 976 977 978		55,929 57,189	100.0	1.9	10.2	17.2			1	12.0 12.0 12.0
974 975 976 977 976		55,929 57,189 58,376 59,632	100.0 100.0 100.0 100.0	1.9 1.9 1.6 1.6	10.2 9.6 9.4 8.7	17.2 17.3 17.0 16.1	35.9 35.9 36.6	16.5 17.1 17.5	16.7 16.6 19.6	12. 12. 12.
974 975 976 977 978 979		55,929 57,189 58,376 59,632	100.0 100.0 100.0	1.9 1.9 1.6	10.2 9.6 9.4	17.2 17.3 17.0	35.9 35.9	16.5 17.1	16.7 16.6	12.0 12.0



Table 65. Educational attainment of the civilian labor force by sex, race, and Hispanic origin, March, selected years, 1959–82—Continued

	[				Percent d	stribution			,
	Total 1		Eleme	entary	High s	chool	Coll	ege	Media
Sex, race, Hispanic origin, and year	(thou- sands)	Total	Less than 5 years 3	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	school years com- pleter
Women									
959	21,556	100.0	3.5	21.5	19.1	38.1	9.7	81	12
962	22,977	100.0	3.0	18.8	18.8	38.7	11.2	9.5	12.
964	24,326	100.0	2.4	17.8	18.8	40.9	10.8	9.5	12
965	24,871	100.0	2.4	18.6	18.7	41.9	10.4	10.0	12
966	25,602	100.0	2.1	15.7	18.4	43.0	11.0	9.9	12
987	28,647	100.0	2.1	14.8	18.5	42.9	11.8	9.9	12
368	27,848	100.0	1.9	14.1	17.8	43.7	12.3	10.5	12
989	28,891	100.0	1.8	13.1	17.3	45.0	12.4	10.4	12
970	30,064	100.0	1.5	12.2	18.9	45.5	13.2	10.7	12
771	30,575	100.0	1.4	11.5	18.4	45.4	13.9	11.4	12
772	33,127	100.0	1.4	10.2	19.2	44.7	13.2	11.4	12
173	34,196	100.0	1.4	9.2	186	45.2	13.8	12.0	12
74	35,709	100.0	1,1	8.6	18.1	44.2	15.2	12.8	12
.75	36, <del>98</del> 2	100.0	1.0	8.1	17.8	44.7	15.4	13.3	1:
178	38,400	100.0	1.0	7.4	17.2	44.5	18.0	14.1	1:
77	40,054	100.0	.9	8.9	17.1	44.5	16.4	14.5	12
78	41,748	100.0	.9	6.5	18.6	44.5	17.2	144	12
79	43,845	100.0	1.0	5.8	18.0	44.5	17.9	15.0	12
980	44,934	100.0	.7	5.5	14.9	45.0	18.1	15.9	12
961	48,414	100.0	.8	5.1	14.2	45.5	18.8	15.7	12
982	47,095	100.0	.8	4.8	13.7	45.2	18.9	18.8	12
WHITE									
)59	58,726	100.0	3.8	23.9	19.8	32.5	9.8	10.3	1 1
82	60,451	100.0	3.3	21.4	18.8	33.5	11.3	11.8	1 12
64	82,213	100.0	2.7	19.8	18.5	36.0	11.1	11.9	1:
965	63,261	100.0	2.7	18.9	18.4	38.8	11.0	12.2	1
68	63,958	100.0	2.3	17.8	18.3	37.7	11.2	12.5	13
87	85,078	100.0	2.2	18.9	19.1	37.7	12.3	12.8	1
68	66,721	100.0	1.9	18.1	17.4	38.8	12.8	13.2	1
69	68,300	100.0	2.0	15.1	18.9	39.7	13.0	13.4	1
070	70,186	100.0	1.8	14.4	18.4	40.0	13.9	13.8	1
771	71,182	100.0	1.7	13.5	15.8	40.2	14.5	14.4	1
772	76,302	100.0	1.8	12.2	18.4	39.5	14.1	14.3	1 1
073		100.0	1.8	11.0	17.8	40.2	14.8	14.8	1.
774	80,083	100.0	1.4	10.3	17.4	39.8	15.4	15.7	1
175	81,789	100.0	1.3	9.5	18.8	40.2	15.9	16.3	1
078	83,351	100.0	1.2	8.8	16.4	40.2	16.5	17.2	1
977		100.0	1.2	8.0	18.3	40.0	18.8	17.8	1:
78	87,947	100.0	1.1	7.7	15.9	40.1	17.4	17.7	1
979	90,858	100.0	1.1	7.1	15.2	40.4	17.8	18.4	1
980	92,893	100.0	1.0		14.7	40.4	18.0	19.1 19.1	1
									. 1
981 982	94,303 95,107	100.0 100.0	1.0		14.1 13.7	41.3 41.5	18.0 18.0		1 .



Table 65. Educational attainment of the civilian labor force by sex, race, and Hispanic origin, March, selected years, 1959-82—Continued

			ļ			Percent of	distribution			_
	One and Handle to the A	Total 1		Elem	entary	High	school	Col	lege	Med
	Sex, race, Hispanic origin, and year	(thou- sands)	Total	Less than 5 years 2	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	schi yes cor plet
	Men			<u> </u>	1	;			1	
			100.0	4.4	26 1	20.2	28.6	9.6	11.2	1
		40,503	100.0	3.8	23.4	19.3	29.9	11.0	12.6	i 1
64		41,028	100.0	3.2	21.7	18.8	32.4	11.1	12.7	1
<b>16</b> 5		41.652	100.0	3.2	20.7	18.8	33.2	11.0	13.1	1
			100.0	2.8	19.8	18.7	33.8	11.1	13.1	1
			100.0	2.6	18.8	18.3	33.9	12.3	14.1	
			100.0	2.4	17.9	17.9		12.7	14.4	1
		43.111	100.0	2.4	16.9	17.4		13.1	14.7	1
70		43.962	100.0	2.1	16.2	16.7	: 250		! ' 45 0	ļ.
71			100.0	2.0	15.2	16.7		14.1	15.0	1
			100.0	1.9	13.8	18.5	35.7	14.5 14.4	15.8	
			100.0	2.0	12.5	17.8	35.7 36.4		15.8	
		49,008	100.0	1.7	11.8	17.3	36.5	15.0 15.4	16.4 17.2	
5		49. <b>64</b> 6	100.0	4.7	40.7		00.7			İ
		50,154	100.0	1.7 1.5				15.9	18.1	]
		51.062	1	1.6	9.7 9.2		36.7	16.5	19.0	1
		52,001	100.0	1.5			36.3	16.7	19.8	İ
9		53,0 <b>5</b> 1	100.0	1.4	8.9	16.2	36.3 36.7	17.2 17.7		! 
n		50.000	400.0	4.0			-			1 :
		53,883	100.0	1.3	80	15.2	36.6		21.0	i '
		54,328 54,552	100.0 100.0	1.3	. 77 6.9	14.6 14.2	, 37.7 ; · 38.1 ;	17.5 17.3		
	Women			!						
	***************************************	18,770	100.0	2.2	19.5	18.5	40.7	10.4	8.6	
		19,948	100.0	2.1	17 4	17.9	; 40.8 <sup>1</sup>	11.9	10.0	
4		21,185	100.0	1.8	16.2	17.8	43.0	11.0	10.1	
5		21,609	100.0	1.7	15.3	17.7	43.9	11.0	10.3	
		22,252	100.0	1.3	14 4	17.5	45.1	11.4		
		23,165	100.0	1.3	13.5	17.6	44.7	12.4	10.4	
88	···· ···· ·····	24,238	100.0	1.3	12.8	16.7	45.4	12.9		
9		25,189	100.0	1.3	11.9	16.2	46.9	12.8	10.9	
0		26,224	100.0	1.1	113	15.8	47.1	13.6	11.1	
1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	26.641	100.0	1.1	_		46.6	14.4	11.9	1
		28,890	100.0	1.0	9.4	18.3	45.9	13.6	11.8	1
3		29,679	100.0	1.0	8.5	17.7	46.4	14.0	12.3	1
		31,075	100 0	8	7.8	17.4	45 2	15.5	13.3	1
5		32,144	100.0	.7	7.5	16.9	45.7	15.6	13.6	1
		33,197	100.0	.8	6.8	16.4	45.3	16.3	14.5	1
		34,758	100.0	7	62		45.5	16.6	14.7	1
		35,945	100.0	.7 i	6.1		45.6	17.3	14.7	1
O		37,807	100.0	.8	5.3			17.8	15.4	1
	•						i		1	
9		38.810	100.0	6	5 n :	140	ΔEΩ:	199	16.2	•
79 30			100 0 100 0	.6 .6	5 0 4.7		45 8 46.3	18.2 18.7	16 3 16.1	1



Table 65. Educational attainment of the civilian labor force by sex, race, and Hispanic origin, March, selected years, 1959–82—Continued

					Percent d	istribution	,		·
Courses Historia addis and	Total 1		Eleme	entary	High (	school	Col	ege	Media school
Sex, race, Hispanic origin, and	year (thousands)	Total	Less than 5 years <sup>3</sup>	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	years com- plete
BLACK AND OTHER									
959		100.0	17.8	35.5	21.1	16.5	4.9	4.1	6.
962		100.0	15.4	29.8	23.2	21.0	5.7	4.8	9.
964	7,713	100.0	11.8	29.2	24.7	22.2	6.6	5.7	10.
965	7,868	100.0	11.8	25.7	24.9	24.4	6.1	7.0	10.
966	8,000	100.0	11.1	26.7	24.3	24.8	7.1	5.8	10.
987		100.0	10.4	25.5	23.6	27.5	7.2	5.8	10.
968		100.0	9.5	23.5	24.3	28.3	7.7	6.7	11.
969		100.0	8.6	22.6	24.7	28.4	9.0	6.7	11.
970	6,769	100.0	7,4	20.6	24.7	31.0	9.0	7.4	11.
971		100.0	6.5	19.5	24.4	32.7	9.5	7.4	11
772		100.0	6.0	18.6	25.6	32.4	9.4	8.0	12
773		100.0	5.0	16.4	24.9	33.6	11.0	9.0	12
774		100.0	5.2	15.8	28.7	34.1	12.1	9.3	12
75	10.369	100.0	4.9	14.0	23.1	34.6	12.4	10.8	12
76		100.0	4.1	13.1	22.6	36.1	12.8	11.3	12
77 *	1	100.0	3.7	13.9	24.5	35.6	13.4	6.9	12
76	1	100.0	3.7	11.8	24.9	35.9	14.9	6.9	12
779		100.0	3.3	11.4	23.2	37.6	15.0	9.0	12
060	10,472	100.0	2.7	9.7	23.1	39.3	16.1	9.1	12
<b>18</b> 1		100.0	2.3	9.5	22.4	39.6	16.9	9.3	12
982		100.0	2.0	9.5	20.9	39.4	18.0	10.2	12
Men									_
959		100.0	22.5	35.5	20.4	13.6	4.0	3.6	8
<b>)62</b>		100.0	19.3	31.2	22.2	18.3	5.4	3.6	9
)64	4,572	100.0	14.8	29.9	24.5	19.1	5.7	6.1	8
065	4,606	100.0	15.4	26.4	24.4	21.4	6.0	6.4	10
66	4,650	100.0	14.1	28.0	24.3	21.9	6.6	5.1	10
87	4,660	100.0	13.2	27.3	23.4	24.4	6.7	5.3	10
X68		100.0	12.2	24.0	25.0	25.3	7.6	6.0	10
69	4,751	100.0	10.9	24.2	24.7	25.6	8.1	6.5	10
70	4,929	100.0	9.7	22.7	24.6	28.3	6.0	6.6	11
71	4,993	100.0	9.2	21.2	24.5	29.2	9.0	7.0	11
72	5,254	100.0	7.9	20.7	25.6	29.2	8.6	7.9	11
773		100.0	6.1	18.9	25.4	31.1	9.9	8.5	11
74		100.0	6.6	17.5	24.0	31.5	10.6	9.5	12
75	5,606	100.0	6.6	15.2	23.6	31.7	11.8	10.8	12
776		100.0	5.7	15.2	22.6	33.4	12.1	10.7	12
77 *		100.0	5.3	15.7	24.9	33.1	13.5	7.4	12
178		100.0	5.2	13.7	25.3	33.2	14.6	8.0	12
779		100.0	4.4	13.0	23.8	36.5	13.9	6.1	12
980	5,360	100.0	4,1	10.8	24.1	37.5	15.8	7.6	12
		100.0	3.3	10.9	24.1	37.8	15.9	8.2	12
981			1 .	10.3	21.9	38.2	16.9	9.5	12
82	5. <b>466</b>	100.0	2.0	1 10.7	1 21.8	; 30.∠	,10.8	1 .9	ı



Table 65. Educational attainment of the civilian labor force by sex, race, and Hispanic origin, March, selected years, 1959-82—Continued

				<del></del>		Percent	·-tribution	,		
	Courses Ulengrie existe and was	Total 1		Elem	entary	High	001	Col	lege	Media
	Sex, race, Hispanic origin, and year	(thou- sands)	Total	Less than 5 years *	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	school year com plete
	Women								!	
59	***************************************	2,788	100.0	12.3	35.1	22.7	20.3	5.1	4.6	9
		3,029	100.0	9.8	27.8	24.8	24.9	6.0	6.7	
		3,141	100.0	7.0	26.2	25.1	26.6	7.8	5.3	10
e.		0.000			24.0				1	
		3,262 3,350	100.0	6.7	24.9 24.9	25.7	28.6	6.3	7.8	11
• • • • • • • • • • • • • • • • • • • •		3,350	100.0 100.0	7.0 6.9	23.1	24.4 24.2	26.9 31.6	7.9 7.9	6.9 6.4	11
		3,608	100.0	5.9	22.7	23.4	32.3	7.9	7.8	11
		3,702	100.0	5.6	20.7	24.7	31.9	10.1	7.0	11
		· .					1		1	ļ
-		3,840	100.0	4.5	17.6	24.8	34.5	10.3	8.1	12
		3,919 4,206	100.0 100.0	3.1	17.4 16.0	24.2	37.1	10.1	6.0	12
			100.0	3.6 3.6	13.4	25.6 24.2	36.4 36.6	10.3	6.1	12
			100.0	3.3	13.4	23.1	37.4	12.4 13.6	9.5 9.2	1:
		!							ļ	!
		4,763	100.0	2.8	12.7	22.4	38.4	13.1	10.8	1
		5,113	100.0	2.4	11.0	22.2	36.9	13.6	12.1	1:
		4,497	100.0	1.8	11.9	24.0	38.3	13.4	10.6	1:
		4,674	100.0	2.0	10.2	24.4	36.7	15.1	9.7	1.
٠		5,041	100.0	2.0	10.0	22.3	36.7	17.3	9.8	13
)		5,112	100.0	1.1	6.5	22.1	41.2	16.4	10.7	12
		5,346	100.0	1.3	8.0	20.6	41.6	17.9	10.5	1:
2		5,401	100.0	1.1	8.3	19.9	40.7	19.2	10.9	12
	HISPANIC ORIGIN									
4		3,823	100.0	11.6	23.0	20.6	26.4	10.6	5.7	11
j		4,038	100.0	10.8	22.9	20.0	28.4	11.1	6.8	1
3		3,959	100.0	10.5	21.3	. 19.6	30.6	10.9	6.6	1
		4,165	100.0	9.9	20.1	21.3	29.4	12.7	6.6	. 1
			100.0	9.5	21.4	20.0	29.5	13.0	6.6	1
)		4,629	100.0	10.1	20.7	19.0	31.0	12.6	6.4	1:
<b>)</b>		5,346	100.0	9.2	19.7	19.1	31.5	13.1	7.4	1:
		5,616	100.0	8.6	20.4	19.3	30.6	13.4	7.6	12
		5,916	100.0	8.5	19.9	18.1	32.0	13.6	7.9	1:
	Men									ĺ
		2,392	100.0	13.7	23.5	21.2	25.4	10.4	5.8	1
		2,521	100.0	12.6	24.1	20.3	25.0	10.8	7.1	1
		2,395	100.0	11 9	22.6	20.6	26.9	10.5	7.5	1
·		2,525	100.0	11.9	20.6	21.9	26.2	12.2	6.9	i i
i		2,619	100.0	11.1	22.8	20.7	26.2	12.7	6.6	1
) <b></b>		2,899	100.0	12.0	22.6	19.8	2 <del>6</del> .6	12.5	6.3	1
		3,259	100.0	11.0	21.3	19.7	27.6	12.8	7.4	1
		3,429	100.0	10.3	22.0	20.7	26.7	12.3	8.0	1
		3,562	100.0	10.0	21.6	18.6	26.7	13.2	7.6	12
	Women	=		-						,
	women	1,432	100.0	6.6	22.1	19.9	33.3	10.8	5.4	11
		1,516	100.0	7.6	20.8	19.3	34.0	11.9	6.2	12
		1,563	100.0	8.1	19.3	18.6	37.0	11.7	5.1	12
		1,659	100.0	6.7	19.1	20.3	34.3	13.6	5.8	12
3		1,864	100.0	7.1	19.1	19.0	.4.7	13.6	6.5	12
		1,930	100.0	7.3	17.9	17.9	4	13.0	6.5	12
,		2,089	1000		120	101	27.4	127	70	4 /
			100.0 100.0	6.3   6.0	17.2	18.1	37.4	13.7	7.3	12
		:	100.0	6.0	16.0 17.3	17.1 17.4	36.9 36.8	15.1 14.2	7.0 8.0	12 12
?										

<sup>&</sup>lt;sup>1</sup> Data for 1972 forward refer to persons 16 years and over; 16 years and over for prior years.



<sup>\*</sup> includes persons reporting no school years completed.

<sup>&</sup>lt;sup>3</sup> Beginning with 1977, data refer to black workers only.

NOTE: Surveys of educational attainment were not conducted in 1960, 1961, and 1963.

Table 66. Unemployment rates by educational attainment, sex, race, and Hispanic origin, March, selected years, 1959–82

_		Eleme	entary	High s	chool	Col	ogr	Say reas		Eleme	entary	High s	chool	Coll	ege
Sex. race. Hispanic origin, and year	Total 1	Less than 5 years <sup>2</sup>	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	Sex, race, Hispanic origin, and year	Total 1	Less than 5 years 3	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
TOTAL	1							1982	10.3	16.7	13.2	19.4	11.3	7.5	3.2
1959	6.2	9.5	8.1	8.5	4.8	3.5	1.4	WOMEN		ļ '					
1962	1		7.6	8.3	5.1	3.7	1.4	1959	6.0	10.4	7.8	9.3	4.7	3.8	1.3
1964			7.4	7.2	4.8	4.3	1.5	1962			6.9	9.2	5.7	3.2	1.5
	:	I		i				1964	6.1	6.6	7.7	8.5	5.6	5.2	1.€
1965	.i 4.7	7.1	5.6	7.4	4.1	3.3	1.4								
1966	. 3.7	5.4	4.8	5.3	3.1	3.0	1.1	1965	5.3	9.4	5.4	8.6	5.0	3.6	1.3
1967	. 3.6			5.5	3.2	1 _	.9	1966		4.8	4.8	6.1	3.8	3.3	1.3
1968		5.2		5.4	3.1	•	1.0	1967	4.5	5.5	5.4	7.0	4.1 3.8	3.6 3.0	1.4 1.6
1969	. 3.1	2.9	3.8	4.9	2.9	2.5	.9	1968	4.2	6.1 3.7	5.5 4.6	6.6	3.9	3.0	1.1
	1					j	4.5	1969	4.0	3.7	4.0	0.2	3.8	3.0	' '
1970	. 4.2		4.8	6.3	3.9	3.9	1.5	1970	4.9	4.5	6.2	7.4	4.6	4.0	2.0
1971			i	8.7	5.5	5.6	2.3 2.5	1971		6.6	7.3	9.8	6.0	5.7	2.9
1972			7.0	10.1	5.6	4.9	2.5	1972	6.5	6.1	7.4	10.7	5.8	5.0	3.1
1973		•		8.9	4.6	4.0 4.2	2.1	1973	5.8	6.1	6.6	9.7	5.3	4.3	2.7
1974	5.3	4.8	6.2	9.6	4.8	4.2	2.0	1974		4.7	7.2	10.6	5.4	4.7	2.3
1975	. 9.2	12.9	11.6	15.2	9.1	6.9	2.9						!	ł	-
1976		1	1	13.6	8.2	6.3	2.8	1975	. 9.5	10.8	11.6	15.9	9.1	7.4	3.6
1977		1 .	+ _	13.8	7.5	6.0	3.3	1976	. 8.5	1	10.8	13.7	8.4	6.5	3.5
1978	6.6	:	:	12.4	6.2	4.6	2.5	1977	. 8.5	•	11.4	14.3	7.8	6.8	4.2
1979	6.1	1	1	12.2	5.8	4.3	2.3	1978	. 70		6.6	12.9	6.6	5.1	3.0
	., -,,				1	l		1979	. 6.6	9.6	9.2	12.7	6.1	4.3	3.0
1980	6.8	9.0	9.9	13.0	6.7	5.0	2.1	1980	6.7	9.8	10.2	13.3	6.4	4.9	2.5
1981	. 7.9			15.3	8.1	5.1	2.4	1961	7.6		12.7	15.0	7.4	•	3.0
1982	9.7	16.9	13.6	18.0	10.3	6.9	3.2	1982	8.9	!	14.6	16.0	9.2		3.3
MEN	•	ı			1	1	1	WHITE	1	1	1			1	i
1959	6.3	9.3	8.3	8.1	4.9	3.3	1.9	1962	. 5.2	8.0	(1)	7.2	4.8	(3)	(3
1962	6.0	11.0	7.9	7.8	4.8	4.0	1.4	1964	L.		(3)	6.4	4.3	(3)	(3
1964		6.7	7.3	6.6	4.1	3.6	1.5	1965	. 4.3	7.4	(a)		3.7	(3)	(3
1965	4,4	6.4	5.7	6.7	3.4	3.1	1.4	1966	. 3.3	6.1	4.5	4.5	2.8	2.8	! ! 1.0
1966			1	4.9	2.6	2.8	1.0	1967		t	4.2	4.6	2.9	2.5	.(
1967		1 _	I	4.6	2.5	2.2	.7	1968		1	4.0	4.6	2.7	2.5	1.0
1968	. 3.0	4.9	3.7	4.8	2.5			1969	. 2.8	3.2	3.6	4.4	2.6	2.3	9.
1969	2.6	2.7	3.5	4.2	2.0	2.2	.9	li .						0.7	
	:		1				4.2	1970				5.7	3.6 5.1	3.7 5.4	1.5
1970		1			3.4	3.8	1.3 2.0	1971		1	6.6	8.1 9.2	5.1	4.5	2.4
1971	<sub>.</sub> 5.5				5.0	1		1972					4.1	1	2.
1972					5.4 4.0			1973	4	_					
1973			1	1	4.0			1874	1 7.0		3.7	0.,	1.0	0.0	'''
1974	4.8	4.5	3.7	0.5	7.5	5.0	1.0	1975	. 8.5	15.2	10.9	14.0	8.4	6.6	2.0
1975	' 9.0	13.5	11.7	14.7	9.1	6.6	2.5	1976	1 -				•	i	
1975 1976		1		1	1	4	I .	1977	1	1				1	
1977	7.5	1	1		I	1		1978					1		
1978				1 -	1			1979	1			1			
1979	5.8		1	1	1	_			[						
1070			!					1980	. 6.0						
1980	. i 6.8	8.8	9.8	12.8	6.9			1981	. 7.0						
1981			;					1982		15.2	13.2	17.0	9.1	5.8	2.9



Table 66. Unemployment rates by educational attainment, sex, race, and Hispanic origin, March, selected years, 1959-82-Continued

Sex, race,		Eleme	en <b>tary</b>	High s	school	Coll	ege	Sau		Eleme	entary	High s	chool	Col	lege
Hispanic origin, and year	Total 1	Less than 5 years <sup>2</sup>	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	Sex, race, Hispanic origin, and year	Total 1	Less than 5 years 2	5 to 8 years	1 to 3 years	4 years	1 to 3 years	4 years or more
BLACK AND	İ							1978	13.2	8.2	8.9	21.6	12.7	10.4	4.7
OTHER								1979	12.6	9.1	10.3	19.6	12.8	8.8	4.2
1962		12.8	(3)	15.3	12.4	(3)	(3)								
1964	10.0	7.8	(3)	12.5	10.1	(3)	(3)	1980	13.4	8.5	11.6	20.5	13.1	10.8	4.4
	!		}					1981		11.7	13.2	24.7	16.4	11.8	4.0
1985	8.5	7.8	(3)	13.5	8.2	(3)	(3)	1982		23.4	16.1	24.1	20.7	15.8	8.3
1966	7.0	5.5	6.6	9.7	7.0	6.3	1.9								
1967	7.3	6.3	6.9	10.6	6.5	5.8	1.9	HISPANIC							
1968	6.5	4.9	57	9.8	6.7	3.9	1,6	ORIGIN		ا م					
1969	5.7	2.7	5.0	7.6	6.4	4.8	1.2	1973		6.6		10.2	6.0 7.1	5.7	5.0
		· !						1974	8.1	6.5	9.0	12.2	7.1	5.0	4.8
1970	67	5.7	5.3	9.5	7.2	6.1	1.4	1975	12.8	16.5	14.2	18.4	10.5	7.0	3.6
1971	8.8	5.2 i	8.4	11.8	8.8	9.0	33	1976	11.4	9.4	12.3	15.5	11.6	7.9 8.2	4.4
1972	10.4	6.6	9.4	15.5	9.6	9.7	2.8	1977	11.4	10.9	11.9	17.2	10.0	8.2	5.0
1973	8.9	3.6	7.5	13.6	8.6	8	2.3	1978	9.5	10.5	10.0	14.0	7.4	7.3	7.3
1974	9.3	3.9	8.5	14.7	9.8	6.9	3.4	1979	8.7	8.2	7.0	14.6	8.2	6.5	3.6
	ļ								0.,		, , ,	.4.0	0.2	0.5	0.0
1975		8.6	15.8	22.0	15.2	10.1	3.9	1980	9.2	9.2	12.8	14.3	7.1	5.9	3.7
1976	13.1	8.2	10.4	19.0	14.3	12.5	3.0	1981	11.2	11.1	14.4	17.0	9.7	6.3	2.8
1977 4	14.7	12.2	12.0	20.0	14.4	12.5	5.0	1982	13 4	16 2	154	21.8	11.4	7.1	4.9

<sup>&</sup>lt;sup>1</sup> Data for 1972 forward refer to persons 16 years and over, 18 years and over for period years.

2 Includes persons reporting no school years completed.



<sup>3</sup> Not available.

<sup>4</sup> Beginning with 1977, data refer to black workers only.

NOTE: Surveys of educational attainment were not conducted in 1960, 1961, and 1963.

### **Technical Notes**

## **Employees on Nonagricultural Payrolls**

(Covers tables 67-93)

Data from payroll records, submitted voluntarily by 189,000 employers, provide current information on wage and salary employment, hours, and earnings in nonagricultural establishments by industry and geographic location. This statistical program is conducted by BLS in cooperation with State agencies.

The labor turnover program, which collected data from manufacturing establishments, was discontinued in March 1982 with data for 1981.

For complete historical data, see Employment and Earnings, United States, 1909-78, Bulletin 1312-11, and Employment and Earnings, States and Areas, 1939-78, Bulletin 1370-13, and their supplements.

#### Collection

Form BLS 790 (Report on Employment, Payroll, and Hours) is the name of the data collection schedule. It is of the "shuttle" type, with spaces for each month of the calendar year. The cooperating State agencies mail the reporting forms to the participating establishments each month, use the information to prepare State and area estimates, and then send the data to BLS in Washington for use in preparing national series.

Form BLS 790 provides for reporting of data on the number of full- and part-time workers for the pay period which includes the 12th of the month. For the same period in most industries, it also provides for reporting data on payroll and hours of production and related workers, or nonsupervisory workers.

#### **Concepts and definitions**

Industrial classification of all data on employment, hours, and earnings for the Nation and for States and areas are in accordance with the 1972 Standard Industrial Classification Manual, Office of Management and Budget.

Employment data refer to persons on establishment payrolls who receive pay for any part of the reference pay period, and include workers on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, and those who work during a part of the pay period and are unemployed or on strike during the rest of the period. Proprietors, the self-employed, unpaid family workers,

farm workers, and domestic workers in households are excluded. Government employment covers civilian employees only.

Hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining; construction workers in construction; and nonsupervisory employees in the remaining nonfarm components.

The payroll figures relate to full- and part-time production, construction, or nonsupervisory workers who receive pay for any part of the reference period. They are reported before deduction of any kind; e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues. Pay for overtime, holidays, vacations, and sick leave is also included.

Hours cover hours paid for during the pay period of reference for production, construction or nonsupervisory workers. The hours include hours paid for holidays and vacations, and for sick leave.

Overtime hours cover premium overtime hours of production and related workers during the pay period. Overtime hours are those for which premiums are paid because the hours were in excess of the number of hours of the straight-time workday or workweek.

Indexes of aggregate weekly hours are prepared by dividing the current month's aggregate by the monthly average for the 1977 period and multiplying that quotient by 100. The hours aggregates are the product of average weekly hours and production-worker employment.

Average hourly earnings are derived by dividing payrolls by hours. These averages are on a "gross" basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work, and changes in output of workers paid on an incentive plan. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payment of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production worker,



construction worker, or nonsupervisory employee definition.

The Hourly Earnings Index is calculated from the average hourly earnings series. It adjusts these data to exclude the effects of two types of change unrelated to underlying wage-rate movements: Fluctuations in overtime in manufacturing (the only sector for which overtime data are available) and interindustry employment shifts.

Average hourly earnings excluding overtime in manufacturing are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker hours and one-half of total overtime hours, which is equivalent to payrolls divided by straight-time hours. This method assumes that overtime earnings are paid at one and one-half times the straight-time rates; no adjustment is made for other types of premium payments.

Average weekly earnings are obtained by multiplying average weekly hours by average hourly earnings. Weekly earnings are affected not only by changes in gross average hourly earnings, but also by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

Spendable average earnings in current dollars were obtained by deducting estimated Federal social security and income taxes from gross weekly earnings. The amount of tax liability depended on the dependents supported by the worker and his marital status, as well as on the level of his gross income. The computation and publication of the spendable earnings series was discontinued in March 1982 with 1981 data.

Real earnings are calculated from earning averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers. The base period is 1977.

#### Benchmark adjustments

Periodically, the industry employment series are adjusted to recent benchmarks (comprehensive counts of employment) to improve their accuracy. These adjustments may also affect the hours and earnings series since employment levels are used as weights. Industry data for all national series in this edition of the *Handbook* have been adjusted to March 1982 benchmarks. Consequently, data from April 1982 forward are subject to revision at the time of the next benchmark adjustment. Data shown for the individual States are also subject to revision at the time the cooperating State agencies adjust their series to later benchmarks.

### Comparability with other series

Total employment in nonagricultural establishments from the payroll survey is not directly comparable with the Bureau's estimates of nonagricultural employment obtained from the monthly household survey (Current Population Survey). The household survey, a count of persons, includes the self-employed, unpaid family workers, and private household workers. The payroll series, in contrast, is a count of jobs and workers. Thus, the multiple jobholder, counted only once in the household survey, would be counted once for each job by the payroll survey. Employment estimates developed by quinquennial censuses may differ from payroll estimates due, primarily, to the reporting practices of multiproduct establishments, and administrative handling of central offices and auxiliary units.

For a more detailed description of this program, see chapter 2, "Employment, Hours, and Earnings from the Establishment Survey," of the BLS Handbook of Methods, BLS Bulletin 2134-1.



Table 67. Employees on nonagricultural payrolls by industry division, selected years, 1919-82 [in thousands]

				Goods-p	roducing						S	ervice-pr	oducing				
					M	nufactur	ring		Trans-	Whole	esale and trade	retail	Fi- nance,		Go	overnme	ent
Year	Total	Total	Min- ing	Con- struction	Total	Dura- ble goods	Non- durable goods	Total	tion and public utilities	Total	Whole- sale	Retail	insur- ance, and real estate	Serv- ices	Totai	Fed- eral	Stat and loca
Q1Q	27,078	12,828	1,133	1,036	10.859	_	_	14,275	3,711	4,514	_	_	1,096	2,253	2,676	_	
	27,340	12,760	1,239	863	10,658	<u> </u>	_	14,6C5	3,998	4,487	_	_	1,160	2,352	2,803	l –	
	28.766	12,489	1.089	1.461	9,939	_	_	16,304	3.826	5.578	l –	I –	1,218	2,857	2,800	_	.
	29,409	11,958	1,009	1,387	9,562	_	_	17,481	3,685	5,797	-	_	1,460	3,361	3,148	526	2,62
935	27,039	10,893	897	927	9,069	_	_	16,175	2,786	5,431	_	_	1,320	3,128	3,481	753	2,72
	32,361	13,221	925	1,311	10,985	5,363	5,622	17,304	3,038	6,750	1,835	4,914	1,485	3,665	4,202	996	3,2
	40,374	17,507	836	1,147	15,524	9,074	6,450	20,920	3,906	7,314	1,949	5,365	1,481	4,222	5,944	2,808	3,1
	45,197	18,506	901	2,364	15,241	8,094	7,147	26,690	4,034	9,386	2,635	6,751	1,888	5,357	6,026	1,928	4,0
955	50,641	20,513	792	2,839	16,882	9,541	7,341	30,128	4,141	10,535	2,926	7,610	2,298	6,240	6,914	2,187	4,7
960	54,189	20,434	712	2,926	18,796	9,459	7,337	33,755	4.004	11.391	3.143	8,248	2,629	7,378	8,353	2,270	6,0
9 <b>6</b> 1	53,999	19,857	672	2.859	16,326	9,070	7,256	34,142	3,903	11,337	3,133	6,204	2,688	7,620	8,594	2,279	6,3
962	55 549	20,451	650	2.948	16,853	9,480	7,373	35,098	3,906	11,588	3,198	8,368	2,754	7,982	8,890	2,340	6,5
963	56,653	20,640	635	3,010	16,995	9,616	7,380	36,013	3,903	11,778	3,248	8,530	2,830	8,277	9,225	2,358	6,8
964	58,283	21,005	634	3,097	17,274	9,816	7,458	37,278	3,951	12,160	3,337	8,823	2,911	8,660	9,596	2,348	7,2
965	60,765	21,926	632	3,232	18,062	10,405	7,656	38,839	4,036	12,716	3,466	9,250	2,977	9,036	10,074	2,378	7,6
966	63,901	23,158	627	3,317	19,214	11,282	7,930	40,743	4,158	13,245	3,597	€,648	3,058	9,498	10,784	2,584	8,2
967	65,603	23,308	613	3,248	19,447	11,439	8,007	42,495	4,268	13,606	3,689	9,917	3,185	10,045	11,391	2,719	8,6
968	67,897	23,737	606	3,350	19,781	11,626	8,155	44,160	4,318	14,099	3,779	10,320	3,337	10,567	11,839	2,737	9,1
969	. 70,384	24,361	619	3,575	20,167	11,895	8,272	46,023	4,442	14,705	3,907	10,798	3,512	11,169	12,195	2,758	9,4
970	79,880	23,578	623	3,588	19,367	11,208	8,158	47,302	4,515	15,040	3,893	11,047	3,645	11,548	12,554	2,731	9,8
	71,214	22,935	609	3,704	18,623	10,636	7,987	48,278	4,476	15,352	4,001	11,351	3,772	11,797	12,881	2,696	10,1
972		23,668	828	3,889	19,151	11,049	8,102	50,007	4,541	15,949	4,113	11,836	3,908	12,276	13,334	2,684	10,6
973		24,893	642	4,097	20,154	11,891	8,262	51,897	4,656	16,607	4,277	12,329	4,046	12,857	13,732	2,663	11,0
974	78,265	24,794	697	4,020	20,077	11,925	8,152	53,471	4,725	16,987	4,433	12,554	4,148	13,441	14,170	2,724	11,4
975	76,945	22,600	752	3,525	18,323	10,688	7,635	54,345	4,542	17,060	4,415	12,645	4,185	13,892	14,686	2,748	11,8
97 <b>6</b>	. 79,382	23,352	779	3,576	18,997	11,077	7,920	56,030	4,582	17,755	4,546	13,209	4,271	14,551	14,871	2,733	12,1
977	. 82,471	24,346	813	3,851	19,682	11,597	8,086	58,125	4,710	18,516	4,708	13,808	4,467	15,303	15,127	2,727	12,3
978		25,585	851	4,229	20,505	12,274	8,231	61,113	4,923	19,542	4,969	14,573	4,724	16,252	15,672	2,753	12,9
979	89,823	26,461	958	4,463	21,040	12,760	8,280	63,363	5,136	20,192	5,204	14,989	4,975	17,112	15,947	2,773	13,
980		25,658	1,027	4,346	20,285	12,187	8,098	64,748	5,146	20,310	5,275	15,035	5,160	17,890	18,241	2,866	13,
981		25,497	1,139	4,188	20,170	12,109	8,061	65,659	5,165	20,547	5,358	15,189	5,298	18,619	16,031	2,772 2,739	113,
1982	89,596	23,907	1,143	3,911	18,853	11,100	7,753	65,689	5,081	20,401	5,280	15,122	5,340	19,064	15,803	2,738	13,0

NOTE: Data include Alaska and Hawaii beginning in 1959. Dash indicates data are not available.



Table 68. Employees on manufacturing payrolls by major industry group, selected years, 1939–82 [in thousands]

						Du/able	goods				
Year	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass industries	Primary metal indus- tries	Fabricat- ed metal products	Machinery except electrical	Electric and electron- ic equip- ment	Transporta- tion equipment	l.:struments and related products	Miscella- neous manufactur- ing industrie
939	4,715	_	_	370	_	_	588	435	644		_
940	5,363	l –	_	387	_	_	701	487	633	_	· -
945	9.074	_	_	407			1,307	967	2,544	_	•
950	8.094	837	346	547	1,194	1,043	1,210	967	1,266	283	40
955	9,541	771.1	346.5	588.4	1,266.9	1,221.2	1,448.5	1,226.8	1,893.8	381.8	396.
960	9,459	659.3	364.9	604.0	1,184.8	1,230.4	1,479.0	1,442.3	1,685.7	418.7	389.
961	9,070	614.4	350.0	582.0	1,100.1	1,181.3	1,418.6	1,443.4	1,590.9	410.9	376.
962	9,480	624.0	366.8	592.3	1,120.9	1,237.9	1,493,2	1.531.2	1,700.5	423.7	389
963	9,616	631.0	371.3	600.8	1,127.3	1,263.9	1,529.3	1,515.0	1,766.9	423.4	386
964	9,816	647.1	386.5	613.8	1,187.8	1,295.3	1,609.6	1,503.7	1,751.3	424.3	397.
965	10,405	654.0	410.2	628.3	1,252.8	1,372.3	1,735.0	1,615.2	1,672.6	445.2	419.
966	11,282	665.5	439.6	844.2	1,296.5	1,489.2	1,910.0	1,856.2	2,052.3	495.2	433.
967	11,439	649.1	434.1	628.3	1,267.0	1,556.6	1,969.6	1,307.2	2,080.0	518.8	426.
968	11,826	661.3	449.5	635.5	1,261.0	1,609.6	1,965.9	1.924.5	2,155.3	529.6	433.
969	11,895	677.7	461.3	656.4	1,305.0	1,665.6	2,032.6	1,966.0	2,142.3	547.3	441.
970	11,208	645.5	439.9	643.8	1,260.4	1,560.0	1,983.6	1,870.5	1,853.3	526,8	425.
971	10,636	668.9	443.6	644.7	1,171.0	1,480.1	1,815.2	1,744.3	1,761.3	494.9	411.
972	11,049	725.6	483.3	678.1	1,173.3	1,546.7	1,889.0	1,813.4	1,790.3	518.0	433.
973	11,891	759.2	506.8	715.7	1,259.1	1,651.1	2,089.0	1,969.5	1,929.3	557.3	454.
974	11,925	712.3	489.3	707.7	1,288.6	1,638.5	2,208.1	1,967.9	1,868.3	592.2	452.
975	10,688	614.7	416.9	629.0	1,139.0	1,458.3	2,056.8	1,701.6	1,715.0	550.1	406
976	11,077	679.6	444.3	644.4	1,154.9	1,510.9	2,085.2	1,774.3	1,798.7	575.3	429
977	11,597	721.9	464.3	668.7	1,181.6	1,582.8	2,174.7	1,878.0	1,871.5	615.1	438.
978	12,274	754.7	494.1	698.2	1,214.9	1,672.6	2,325.5	2,006.1	2,002.8	<b>653</b> .1	451.
979	12,760	766.9	497.8	708.7	1,253.9	1,717.7	2,484.8	2,116.9	2,077.2	691.2	444.
980	12,187	690.5	465.8	662.1	1,142.2	1,613.1	2,494.0	2,090.6	1,899.7	711.3	418
981	1 <b>2</b> ,10 <del>9</del>	666.2	464.3	637.9	1,122.4	1,590.0	2,498.3	2,093.7	1,897.9	730.1	406.
982	-1,100	603.4	433.4	577.8	922.2	1,434.9	2,266.7	2,015.5	1,744.3	715.8	385.



# Table 68. Employees on manufacturing payrolls by major industry group, selected years, 1939-82—Continued

[in thousands]

					N	ondurable go	oods		_		
Year	Total	Food and . kindred products	Tobacco manufac- tures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publish- ing	Chemicals and allied products	Petro- leum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
							500	371	139	163	386
1939	5,564	1,393		1,193	924	320	569		146	176	374
1940	5,622	1,414	-	1,176	929	. 333	570	399	186	284	358
1945	6,450	1,691		1,139	1,060	, 391 ·		668		311	395
1950	7,147	1,790	103	1,256	1,202	485		640	218	363 3	385
1955	7,341	1,824.7	102.5	1,050.2	1,219.2	550.0	834.7	773.1	237.1	3033	363 8
1960 .	7,337	1,790.0	94.0	924.4	1,233.2	601.1	911.3	828.2	211.9		363
	7,256	1,775.2	90 7	893.4	1,214.5	601.3	917.3	828.2	201.9		358.2
	7,230	1,763.0	90 5	902.3	1,263.7	614.4	926.4	848.5	195.3	408.4	360.
		1,752.0	88.6		1,282.8	618.5	930.6	865.3	188.7	418.5	349
1963	7,380		90.2		1,302.5		951.5	878.6	183.9	436 0	347.0
1964	7,458	1,750.4	50.2	. 002.0	1,502.5	:	i				
4005	7,656	1,756.7	86.8	925.6	1,354.2	639.1	979.4	907.8	182.9	470 8	352
1965		1,730.7	84.3	963.5	1,401.9	1	1,016.9	961.4	184.2	510.7	363
1966	7,930	•	86.5	958.5	1,397.5			1,001.4	183.2	516 4	350
1967	8,007		84.6	993 9	1,405.8		1,065.1	1,029.9	186.8	561 3	355
1968	8,155	1,781.5			1,409.1	711.1	1,093.6	1,059.9	182.3	596 3	343.
1969	8,272	1,790.8	83 0	1 1 202 5	1,408.1	1	1,000.0	1	1	1	
		!	00.0	974.8	1,363.8	705 5	i 1,104.3	1,049.3	191.2	580.1	319
1970	8,158	1,786.2	82 9	•		681.9	1,080.5	1,010.7	194.2	580 5	299.
1971	7.987	1	77.1			688.9	1,094.0		195.4	630 1	296.
1972	8,102		74.9			704.6	1,110.7		i	692 2	284
1973		1,714.8	77 5	1,009 8	1,438.1						
1974	8,152	1,706.7	77 1	<b>96</b> 5.0	1,362.6	706.1	1,111.3	1 1,000.5	107.0	1	
					1,243.3	642 0	1,083.4	1.014 7	194.4	608.1	248
1975	7,635	•	75.5	867 9		675.5	1.099.2		1		262.
1976	7,920		76.6	918.8	1,318.1				1	713.5	
1977	8,086			910 2						754.5	256.
1978	8,231		70.6	899 1		•		1	1	781.6	245
1979	8,280	1,752.5	70.0	885.1	1,304.3	706.8	1,235.1	1,109.3	208.0	, 51.0	
.000	0.000	1 7000	68.9	847.7	1,263.5	692.8	1,252.1	1,107.4	197.9		
1980			I .	823 0	• • • •		1,266 3		,	736.6	
1981	8,061				1		268.9		1		221
1982	7.753	1,638.3	67.6	750 1	1 1,103.7	i 002.0	.,200.0	1,0.0.0	1	_	1

NOTE: Data include Alaska and Hawaii beginning in 1959. Dash indicates data are not available



Table 69. Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry division, selected years, 1939-82

[in thousands]

	<b>.</b>		_		Manufacturi	ng	Transpor-	Wholes	ale and reta	il trade	Finance,	
Year	Total private	Mining	Construc- tion	Total	Durable goods	Nondura- ble goods	tation and public utilities	Total	Whole- sale	Retail	insur- ance, and real estate <sup>1</sup>	Service
939			_	8,318	3,895	4,423	_	_				
940		_ 1		8,940	4.477	4,463	_ :			-	_	-
945		_ `	_ [	13,009	7.541	5,468	_			_	_	-
950	34,349	816	2,101	12,523	6,705	5,817	_	8,742	2,382	6,375	4 505	_
955	37,500	680	2,477	13,288	7,548	5,740		9,675	2,574	7,117	1,565 1,889	_
960	38,516	570	2,497	12,586	7,028	5,558	_	10,315	2,705	7,627	0.145	
961	37,989	532	2,426	12,083	6,618	5.465	_	10,315	2,705		2,145	_
962	38,979	512	2,500	12,488	6,935	5,553	_1	10,400	2,726	7,587	2,189	_
96 <b>3</b>	39,553	498	2,562	12,555	7,027	5,527	_1	10,560		7,691	2,237	_
964	40,560	497	2,637	12,781	7,213	5,569	3,490	10,869	2,758 2,823	7,820 8,046	2,291 2,347	7,939
965		494	2,749	13,434	7.715	5,719	2501	44.050	0.000	0.400		
966	44,249	487	2,818	14,296	8,369	5,926	3,561 3,638	11,358	2,922	8,436	2,388	8,295
967	45,137	469	2,741	14,308	8,364	5,944		11,820	3,023	8,797	2,442	8,749
<b>968</b>	46,473	461	2,822	14,514	8,457	6,056	3,718	12,121	3,085	9,037	2,534	9,240
969	48,208	472	3,012	14,767	8,651	6,116	3,757 3,863	12,542   13,094	3,153 3,260	9,389 9,834	2,651 2,797	9,727 10 <b>,20</b> 5
970	48.156	473	2,990	14.044	8,055	5,989	2014	i	- 1			
971	48,148	455	3,071	13,544	7,664		3,914	13,375	3,329	10,046	2,879	10,481
972	49.937	475	3,257	14,045	8,051	5,880 5,993	3,872	13,615	3,315	10,300	2,937	10,655
973		486	3,405	14,834	8,728	6,107	3,943	14,135	3,405	10,729	3,024	11,059
974	52,809	530	3,294	14.638	6,662	5,976	4,034 4,079	14,715 14,999	3,547 3,670	11,168 11,329	3,121 3,169	11, <b>606</b> 12,100
975	50,991	571	2,808	13.043	7,557	5.485	3.894				· I	
976	52,897	592	2,814	13,638	7,914	5,724		15,023	3,637	11,387	3,173	12,479
977	55,179	618	3,021	14,135	8,307	5,828	3,918	15,649	3,746	11,904	3,243	13,043
78	58,156	638	3,354	14,734	8,805	5,929	4,008	16,316	3,678	12,438	3,397	13,683
79	60,367	719	3,565	15,088	9,110		4,142	17,219	4,094	13,125	3,593	14,476
i			0,505	13,056	<b>5</b> ,110	5,958	4,299	17,748	4,274	13,474	3,776	15,193
080	60,331	762	3,421	14,214	8,442	5,772	4,293	17,812	4,312	13,500	3,907	15,921
981	60,927	841	3,261	14,020	8,294	5,727	4,283	17,958	4,360	13,598	3,999	16,565
982	59,566	831	3,004	12,790	7,350	5,440	4,194	17,827	4,268	13,559	3,994	16,926

<sup>&</sup>lt;sup>1</sup> Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

NOTE: Data include Alaska and Hawaii beginning in 1959. Dash Indicates data are not available.



<sup>\*</sup> Excludes nonoffice salespersons.

# Table 70. Production workers on manufacturing payrolls by major industry group, selected years, 1929-82

[in thousands]

						Durable	goods		par v. 282 tamene		
Year	Total	Lumber and wood products	Furniture and firtures	Stone, clay, and glass products	Primary metal indus- tries	Fabricat- ed metal products	Machinery, except electrical	Electric and electron- ic equip- ment	Transporta- tion equipment	instruments and related products	Miscella- neous manufactur- ing industries
4000	<del></del>			353		_	_	_	_	-	_
1929	_			301	_	<u> </u>	_	_	_		i –
1930	_			301		•					i
4005		1	_	251	_		i –	_	_	_	
1935	4 477	i -	_	329	_	_	550	366	718	_	<del>-</del>
1940	4,477	1 -		353			1,042	733	2,079	_	-
1945	7,541		1	473	1,031	862	929	752	1,027	216	344
1950	6,705	770	302	1	1.069.4	974.5	1,069.2	912.9	1,433.0	271.7	330.4
1955	7,548	698.4	292.6	495.6	1,009.4	9/4.5	1,000.2	312.3	1,		
					0500	944.1	1,035.9	975.1	1,146.8	271.8	314.3
1960	7,028	537.9	303.5	491.8	956.9		976.4	956.0	1.040.0	261.3	303.5
1961	6,618	543.8	289.5	469.4	880.8	897.3	1.037.8	1,023.3	1,108.0	268.8	313.2
1962	6,935	554.7	304.5	477.7	901.5	945.8		1,023.3	1,154.9	268.4	310.4
1963	7,027	557.7	308.7	483.9	911.7	966.1	1,059.2		1,156.8	267.5	317.9
1964	7,213	565.6	320.9	493.8	967.1	993.0	1,120.4	1,008.9	1,150.6	1 207.5	1
		1			4 000 7	4.000.0	1 214 0	1,110.3	1,272.5	283,3	335.5
1965	7,715	570.7	340.3	504.6	1,022.7	1,060.2	1,214.8	1,110.3	1,399.9	316.4	346.1
1966		578.1	364.4	517.3	1,055.5	1,159.6	1,343.8	1,286.1	1,405.6	325.1	338.3
1967	8,364	561.1	357.6	499.9	1,015.7	1,205.7	1,368.8		1,465.2	326.1	340.4
1968	8,457	571.1	371.5	508.9	1,002.8	1,244.4	1,342.5	1,284.6		336.1	344.6
1969	8,651	594.2	382.9	526.4	1,042.2	1,284.6	1,382.2	1,310.8	1,458.4	330.1	34.0
						4 400 0	1,322.9	1,233.5	1,235.5	317.1	328.7
1970	8,055	553.9	362.4	512.1	999.7	1,189.6		1,152.6	1,208.6	294.2	317.6
1971		579.3	364.5	512.7	923.3	1,129.0	1,182.3	1,132.8	1,238.6	312.9	339.9
1972		627.2	400.4	544.4	932.9	1,190.1	1,245.1		1,338.0	347.6	356.4
1973	8,728	654.9	420.0	576 4	1,010.5	1,277.7	1,401.7	1,344.3	1,269.5	370.3	353.6
1974	8,662	608.1	401.9	569.3	1,029.5	1,257.0	1,481.3	1,321.3	1,208.5	370.5	
	[ _ <u>_</u>	1			0000	1,090.4	1,339.3	1,091.2	1,153.7	332.2	310.0
1975		516.9	337.3	499.2	886.6		1,339.9		1,235.3	352.7	328.
1976		576.3	364.0	513.5	904.4	1,139.0	1,422.0		1,290.4	375.5	334.
1977		616.3	381.8	532.9	922.1	1,198.2	1,422.0		1,383.9	400.3	344.
1978		648.6	406.3	554.3	954.3	1,270.0			1,423.3	421.6	338.
1979	9,110	653.6	405.9	558.7	986.4	1,298.9	1,834.3	1,300.1	1,723.3	1	
			075.0	540.4	0770	1,195,1	1,602.3	1,328.4	1,233.1	425.5	313.
1980		1	375.8	513.1	877.6					•	302.
1981		553.1	373.8	490.7	881.9	1 111				•	
1982	7,350	1 493.8	342.8	437.3	. 683 6	1,033.6	1,300.0	: 1,210.0	1,000.0	,	= : ••



Table 70. Production workers on manufacturing payrolls by major industry group, selected years, 1929-82—Continued

[In thousands]

			·	<del></del>			vondurable g	oods				
	Year	Total	Food and kindred products	Tobacco manufac- tures	Textile mill products	Apparei and other textile products	Paper and allied products	Printing and publish- ing	Chemicals and allied products	Petro- leum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
929.			835		1,145	643	235					
930 .		-	811	_	991	594	235	_	_	_		339 310
025			000						İ			
		4 400	902	-	1,089	680	231		_	-		321
94U.		4,463	1,003	-	1,090	819	279	321	274	105	142	33
		5,468	1,380	_	1,074	973	345	381	518	148	235	32
950		5,817	1,331	95	1,169	1,080	416	494	461	165	252	35
955.		5,740	1,291.7	94.4	961.6	1,086.4	453.5	539.0	518.1	163.2	288.3	344.0
960		5,558	1,211.8	83.3	835.1	1.098.2	479.7	588.9	509.9	137.9	292 8	320.9
961		5,465	1,191.1	79.6	805.0	1,079.6	478.0	591.7	505.0	129.9	288.3	
		5,553	1,178.4	78.7	812.1	1,122.9	486.0	594.5	5193	125.5		316.4
963		5,527	1.167.1	76.6	793.4	1,138.0	486.4	590.3			316.5	318.9
964.		5,569	1,157.3	78.4	798.2	1,158.3			525.3	119.9	322.7	307.
	1	0,200	.,,,,,,,	70.4	790.2	1,130.3	488.8	602.1	529.4	114.2	336.3	305.
		5,719	1,159.1	74.8	82 <del>6</del> .7	1,205.6	497.7	620.6	546.1	112.9	365 9	310.0
		5,926	1,180.0	71.8	858.8	1,245.7	518.2	646.4	574.3	114.7	397.8	318.5
		5,944	1,187.3	73.9	850.2	1,237.2	526.3	661.6	592.3	114.7	397.0	303.7
968		6,056	1,191.6	71.9	880.7	1,240.1	536.2	667.0	609.9	118.0	434 5	306.3
969		6,116	1,201.8	69.6	884.0	1,237.9	550.6	681.7	621 9	112.2	461.7	294.4
370		5, <b>98</b> 9 i	1,206.9	69.0	855.0	1,196.4	540.0	070.0				
971		5.880	1.203.2	63.4	837.2		543.2	679 0	604 0	118.2	444 0	273.4
772		5.993	1,191.8	62.2		1,177.5	521.8	658.0	587.8	124.1	450.0	257.1
973		6,107	1,166.8		866.6	1,208.0	531.6	664.2	5928	125.1	494 6	256.4
374		5.976	1,163.6	64.8	886.2	1,249.7	543.1	669.6	610.5	123 9	547 1	245.0
		3,870	1,103.0	63.8	842.6	1,174.9	544.3	660.4	623.0	126.1	544.7	232.3
975		5,485	1.120.3	62.4	752.4	1,066.6	479.7	624.0	579.6	123.0	464.7	212.6
976.	;	5,724	1,145.1	63.6	800.4	1,134.3	508.3	624.7	600.1	127.8	492.9	227.0
<b>97</b> 7	······································	5,828	1,161.0	57.0	792.3	1,129.4	518.2	646.5	616.0	131.3	558.1	218.4
978	:	5,929	1,173.9	56.2	783.1	1.144.6	524.7	671.9	627.6	135.5	591.2	220.4
979.		5,958	1,190.8	55.5	770.9	1,116.8	535.6	697.2	633.3	137.1	611.8	209.1
80		5,772	1,174.6	53.6	736.9	1,079.4	500.7	000.0	005.0	404.7	550	
		5.727	1,149.5	54.7	712.5		522.7	698.9	625.8	124.7	559.4	196.6
82		5.440	1.126.9	52.6	642 6	1,059.5 983.8	518.4	699.3	628.3	133.9	569.2	201.1
			1.120.5	52.0	042 0	9538	493.4	698.1	601.0 <sup>†</sup>	120 1	536 5 ±	185.1

NOTE Data include Alaska and Hawaii beginning in 1959. Dash indicates data are not available



Table 71. Nonproduction worker employment and ratios of nonproduction worker employment to total employment by major manufacturing industry group, 1939–82

							Aurable go	ods	_			
Category and year	Manufac- turing <sup>1</sup>	Total	Lum- ber and wood prod- ucts	Furni- ture and fixtures	Stone, clay, and glass products	Primary metal indus- tries	Fabri- cated metal prod- ucts	Ma- chinery, except electri- cal	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Instru- ments and related prod- ucts	Misca langor manu facturi indus tries
IONPRODUCTION WORKERS (in thousands)												
939	1	620	_	-	59	_	_	136	115	99	_	
940		886	_	· <b>-</b>	58	-	_	151	121	115	-	
)41		1,021	-	-	60	_	_	179	140	164	_	1
142		1,234	_	i —	54	-	_	213	155	302	-	
43		1,536	-	-	48	_	_	247	179	546	_	
44	. 2,588	1,659	_	-	50	_	_	249	215	637	-	1
45	2,515	1,533	_	_	54	_	_	255	234	465	_	
46		1,330	_	_	62	_	_	283	219	246	_	1
47		1,357	66	36	66	157	172	288	216	237	62	
48		1,401	65	39	70	162	180	298	223	243	65	1
49		1,367	65	40	71	159	176	262	217	235	66	
	1	1	67		74	163	161	261	215	239	67	
50		1,389	67	44	79.9	1	210.0	326.9	241.6	308.2	81.1	5
51	-1	1,609	73.2	47.5	84.2	180.8 188.7	210.0	353.5	272.9	391.7	92.9	e
52		1,799	75.3	46.6	67.7	201.2	248.9	371.5	301.7	451.3	102.6	
53		1,956	75.9	51.3	88.3	192.5	240.9	371.5	303.6	443.2	106.5	
54	. 3,497	1,935	72.6	51.4	66.3	192.5	242.4	3/1.5	303.6	443.2	100.5	6
55	. 3,594	1,993	72.7	53.9	92.6	197.5	246.7	379.3	313.9	460.6	110.1	6
56	. 3,807	2,164	74.6	57.1	98.3	213.6	262.5	413.1	344.5	510.3	1,20.2	6
57	. 3,965	2,305	73.2	58.3	102.6	227.0	277.9	442.8	382.3	536.9	130.1	7
58	. 3,948	2,250	71.3	59.0	104.5	215.7	277.3	416.9	390.6	511.0	130.6	7
59	. 4,072	2,340	72.6	60.6	107.6	219.0	279.0	424.9	425.6	536.3	138.9	7
60	4,210	2,431	72.0	61.4	112.2	227.9	286.3	443.1	467.2	539.1	146.9	7
61		2,452	70.6	60.5	112.6	219.3	284.0	442.2	487.4	550.9	149.6	7
62		2,545	69.3	62.3	114.6	219.4	292.3	455.4	507.9	592.5	154.9	1 7
63		2.589	73.3	62.6	116.9	215.6	297.8	470.1	508.6	612.0	155.0	1 7
64		2,603	80.5	65.6	120.0	220.7	302.3	489.2	494.6	594.5	156.6	7
	Ĭ.			ł				1				١.
85		2,690	63.3	69.9	123.7	230.1	312.1	520.5	504.9	600.1	161.9	5
66		2,913	67.4	75.2	126.9	241.0	329.6	566.4	567.6	652.4	176.6	9
67	1 .	3,075	88.0	76.5	126.4	251.3	350.9	600.6	621.1	674.4	193.7	8
68		3,169	90.2	76.0	126.6	258.4	365.2	623.4	639.9	690.1	203.5	9
5 <b>9</b>	. 5,400	3,244	93.5	78.4	130.0	<b>26</b> 2.6	381.0	650.4	655.2	683.9	211.2	1
70	5,323	3,153	91.6	77.5	131.7	260.7	370.4	660.7	637.0	617.6	209.7	
71		2,972	69.6	79.1	132.0	247.7	351.1	632.9	591.7	552.7	200.7	9
72	5,106	2,996	98.4	82.9	133.7	240.4	356.6	643.9	593.6	551.7	203.1	<b>E</b>
73	. 5,320	3,163	104.3	66.6	139.3	246.6	373.4	687.3	625.2	591.3	209.7	
74	. 5,439	3,263	104.2	67.4	138.4	259.3	361.5	726.6	646.6	598.8	221.9	} 8
75	5,280	3,131	97.6	79.6	129.8	252.4	367.9	717.5	610.4	561.3	217.9	6
76	1	3,163	103.3	60.3	130.9	250.5	371.9	725.3	614.4	563.4	222.6	10
77	1 -	3,103	105.6	62.5	135.6	259.5	384.6	752.7	644.6	581.1	239.6	10
7		3,469	105.6	67.6	143.9	260.6	402.6	799.1	688.2	616.9	252.6	10
78 79		3,650	113.3	91.9	150.0	267.5	418.8	650.5	728.6	653.9	269.6	10
<i>1 9</i> ······	ŀ	i		1		İ		1	i		Ī	ŀ
80		3,745	112.6	90.0	149.0	264.6	418.0	691.7	762.2	666.6	285.6	10
81		3,615	113.1	90.5	147.2	260.5	416.8	917.8	762.7	676.4	300.0	10
62	6,063	3,750	109.6	90.6	140.5	236.6	401.3	696.7	798.9	659.0	305.6	10



Table 71. Nonproduction worker employment and ratios of nonproduction worker employment to total employment by major manufacturing industry group, 1939-82—Continued

							ourable go	ods		_		-
Category and year	Manufac- turing <sup>2</sup>	Total	Lum- ber and wood prod- ucts	Furni- ture and fixtures	Stone, clay, and glass products	Primary metal indus- tries	Fabri- cated metal prod- ucts	Ma- chinery, except electri- cal	Electric and elec- tronic equip- ment	Trans- portation equip- ment	Instru- ments and related prod- ucts	Miscel laneou manu- facturir indus- tries
IONPRODUCTION WORKERS AS PERCENT, OF TOTAL EM- PLOYMENT											! ! !	
939	19.1	17.4	_	_	15.9	-	· –	23.5	26 4	15.4		į .
940	18.6	16.5	_	-	15.0	_	-	21.5	24.8	13.8		
941	16.5	14.7	_	_	13.2	_	_	16.7	21.6	12.7	·	i .
942	14.9	14.0	_	_	11.7	_	i –	16.8	19.9	13.4	. <b>-</b>	!
943	13.9	13.9	_	_	10.8	! —	:	16.5	17.9	150		i
944	14.9	15.3		_	12.1	_	i -	17 C	20.0	17.3	<u>'</u> —	1
		1			1	1	! 	٠	040	100	i	
945	16.2	16.9	_	-	13.3	_	_	20.3	24.2	18.3		
§46	16.5	17.2	_	-	12.4		<u> </u>	22.5	24.1	19.9		1
947	16.4	16.2	7.8	11.9	12.3	12.8	16.4	20.9	21.6	18.6		12
948	17.1	16.8	7.7	11.9	12.8	13.1	17.3	21.7	23.1		•	13
949	18.4	18.3	8.5	13.3	13.8	14.6	18.8	23.9	25.8	19.4	24.5	† 15
950	17.8	17.2	8.C	12.7	13.5	13.7	17.4	23 2	22.2	i <b>18</b> .9	23.7	14
951	18.5	17.7	8.4	14.0	13.6	13.8	18.1	22.4	22.1	20.1	23.9	14
952	19.7	19.2	9.2	14.4	14.9	15.4	19.6	23.3	23.2	22.3	24.7	15
		i .	t .	i	15.1	15.2	19.4	23.9	22.7	22.1	24.9	15
953	19.9	19.3	9.4	14.6	1	16.5	20.7	26.2	25.7	24.6	27.8	16
954	21.4	21.2	9.8	15.8	16.0	10.5	20.1	20.2	1	i		į.
955	21.3	20.9	9.4	15.6	15.8	15.6	20.2	26.2	25.6	24.3	28.8	16
956	22.1	22.0	9.8	16.0	16.2	16.5	21.2	26.3	26.4	27.0	30.2	17
1957	23.2	23.4	10.7	16.4	17.2	17.5	21.9	27.9	28.8	27.7	32.2	18
958	24.8	25.5	11.0	17.2	18.6	19.5	23.7	30.6	31.7	30 9	34.4	18
959	24.4	25.0	10.5	16.6	17.8	19.3	22.9	29.3	30.9	310	34 1	18
		05 -	400	400	40.0	40.0	22.2	30.0	32.4	32.0	35.1	19
960	25.1	25.7	10.9	16.8	18.6	19.2	23.3		33.8	34.6	36.4	18
1961	<b>26</b> .0	27.0	11.5	17.3	19.3	19.9	24.0	31.2	1	34.8	36.6	19
1962	!	26.8	11.1	17.0	19.3	19.6	23.6	30.5	33.2			1 18
1963		26.9	11.6	16.9	19.5	19.1	23.6	30.7	33.6	34.6		20
1964	<b>26</b> .0	26.5	12.4	17.0	19.6	18.6	23.3	30.4	32.9	33.9	37.0	20
1965	25.6	25.9	12.7	17.0	19.7	18.4	22.7	30.0	31.3	32.0	36.4	20
1966	25.6	25.8	13.1	17.1	19.7	18.6	22.1	29.7	30.6	31.8	ı <b>36</b> .	,
1967	26.4	26.9	13.6	17.6	20 4	19.8	22.5	30.5	32.6	32.4	į '	· 2
968	7.7.	27.3	13.6	17.4	19.9	20.5	22.7	31.7	33.3	32.0	3	, 2
1969	26.8	27.3	13.8	17.0	19.6	20.1	22.9	32.0	33.3	31.9	38.6	1
[ <del>3                                   </del>	20.0	1	1	17.0	Ì	i			I	1	1	ļ
1970	27.5	28.1	14.2	17.6	20.5	20.7	23.7	33.3	34.1	33.3	39.8	22
1971	27.3	27.9	13.4	17.8	20.5	21.2	23.7	34.9	33.9	31.4	40.6	22
1972	26.7	27.1	13.6	17.2	19.7	20.5	23.1	34.1	32.7	30.8	39.4	21
1973	26.4	26.6	13.7	17.1	19.5	19.7	22.6	32.9	31.7	30.6	37 6	21
1974	•	27.4	14.6	17.9	19.6	20.1	23.3	32.9	32.9	32.1	37 5	2
	1	1	450	104	20.0	22.2	25.2	34.9	35.9	32.7	39.6	23
1975	1	29.3	15.9	19.1	20.6	22.2	ž	35.1	34.6	31.3	3 <b>8</b> .7	2
1976	}	28.6	15.2	18.1	20.3	21.7	24.6	1	1	31.0	39.0	2
1977	1	28.4	14.6	17.8	20.3	22.0	24.3	34.6	34.3	30.9	,	2
197 <b>8</b>		28.3	14.3	17.8	20.6	21.5	24.1	34.4	34.3	i		2
1979	28.4	28.6	14.8	18.5	21.2	21.3	24.4	34.2	34.4	31.5	. JB.U	-
1980	29.9	30.7	16.3	19.3	22.5	23.2	25.9	35.8	36.5	35 1	40.2	¦ 25
1981	1	31.5	17.0	19.5	23.1	23.2	26.3	36.7	37.4	35 7	41.1	26
· · · · · · · · · · · · · · · · · ·	30.5	33.8	1	1	ı	N .	1	1	L			1



Table 71. Nonproduction worker employment and ratios of nonproduction worker employment to total employment by major manufacturing industry group, 1939-82—Continued

		Fm			Nonc	durable go	ods				_
Category and year	Total	Food and kin- dred prod- ucts	Tobac- co manu- factures	Textile mill prod- ucts	Apparel and other textile products	Paper and allied prod- ucts	Printing and pub- lishing	Chemicals and allied products	Petro- leum and coal prod- ucts	Rubber and miscel- laneous plastics prod- ucts	Lea er a leat pro
NONPRODUCTION WORKERS (in thousands)											:
)39	1,141	404		85	110	54	249	119	39	31	i
40	1,159	411	-	86	110	54	249	125	41	34	į
41		403	-	85	113	54	241	134	41	35	:
42		357		77	101	49	215	136	36	36	i
43		302	-	67	85	43	188	129	30	39	İ
44	929	298	-	64	84	43	187	138	32	44	1
<b>15</b>	982	311	_	65	87	46	196	150	38	49	
<b>16</b>	1,100	352	_	74	99	54	224	151	47	57	1
<b>17</b>	. 1,197	403	8	78	107	58	234	161	51	59	
i8		428	7	84	117	65	245	170	53	58	
19	1,284	437	8	84	120	65	252	169	52	57	l
50	1,330	459	8	87	122	69	254	179	53	59	
i1		484.8	8.1	91.5	125.9	76.1	263.1	204.5	58.8	63.9	ļ
52		496.9	8.4	90.2	129.2	81.8	270.2	224.0	65.7	68.4	
i3		509.2	7.9	90.9	133.2	87.5	280.8	245.3	68.2	73:2	
<b></b>		521.7	8.1	89.1	`30.2	90.3	289.0	249.7	71.2	71.7	
55	1	533.0	8.1	88.6	132.8	96.5	295.7	255.0	73.9	1	
56		539.8	9.5	87.7	135.3	103.3	302.4	270.8	73.9	75.0 78.5	
57		542.2	11.7	87.8	138.1	103.3	306.3	290.3	74.3 75.6	81.8	
58		550.8	10.4	86.3	132.3	110.0	309.4	300.4	76.9	79.9	
i9		567.5	10.8	88.3	134.5	115.4	313.4	303.8	75.6	82.9	
30	i i	578.2	10.7		_	l					
31		584.1	11.1	89.3 88.4	135.0 134.9	121.4 123.3	322.4 325.6	318.3 323.2	74.0 72.0	86.2 87.0	:
32		584.6	11.8	90.2	140.8	128.4	325.6	323.2	69.8	91.9	
33		584.9	12.0	92.0	144.8	132.1	340.3	340.0	68.8	95.8	
34		593.1	11.8	93.8	144.2	136.7	345.4	349.2	69.7	99.7	
										i	
55 36		597.6	12.0	98.9	148.6	141.4	358.8	361.7	70.0	104.9	
57	2,004	597.2	12.5 12.8	104.7 108.3	156.2	148.7 152.8	370.5	387.1	69.5	112.9	ŧ
38	2,003	599.0 589.9	12.6	113.2	180.3 165.7	155.0	386.2 398.1	409.1 420.0	68.5 68.8	119.4 126.8	
39		589.0	13.4	118.5	171.2	16U.5	411.9	438.0	70.1	134.6	
					_				-		
70		579.3	13.9	119.8	167.4	162.3	425.3	445.3	73.0	136.1	'
71 72		562.4	13.7	117.5	165.1	160.1	422.5	422.9	70.1	130.5	
73	2,109 2,155	553.4	12.7   12.7	119.1 123.6	174.7	157.3	429.8	416.4	70.3 69.0	135.5	
4	2,176	548.0 543.1	13.3	123.4	188.4 187.7	161.5 161.8	441.1 450.9	427.1 437.5	70.9	145.1 150.0	
	1 1		1		1			Ì		i	l I
75		537.2	13.1	115.5	176.7	162.3	459.4	435.1	71.4	143.4	3
76		543.8	13.0	118.4	183.8	167.2	474.5	442.4	70.7	146.6	3
77 70		550.0	13.7	117.9	186.9	173.4	494.9	457.7	71.0	155.4	3
78	7 1	550.2	14.4	118.0	187.7	174.0	520.1	467.9	72.2	183.3	
		541.7	14.5	114.2	187.5	171.2	537.9	476.0	72.7	169.8	
<u> </u>	1 .	533.4	15.3	110.8	184.1	170.1	553.2	481.6	73.2	167.4	•
31		521.6	15.7	110.5	184.9	170.1	567.0	480.7	80.1	167.4	3
<b>32</b>	. 2,313 ;	511.4	15.0	107.5	179.9	168.6	570 8	478.0	81.0	164.3	;



Table 71. Nonproduction worker employment and ratios of nonproduction worker employment to total employment by major manufacturing industry group, 1939-82—Continued

<u> </u>					Nond	lurable go	ods				<b></b>
Calegory and year	Total	Food and kin- dred prod- ucts	Tobac- co manu- factures	Textile mill prod- ucts	Apparel and other textile products	Paper and allied prod- ucts	Printing and pub- lishing	Chemicals and allied products	Petro- leum and coal prod- ucts	Rubber and miscel- laneous plastics prod- ucts	Leat er a leath pro- uct
NONPRODUCTION WORKERS AS PERCENT OF TOTAL EMPLOYMENT		<b>!</b>									
039	20.5	29.0		7.1	11.9	16.9	43.8	32.1	28.1	19.0	
040	20.6	29.1	; -	7.3	11.8	16.2	43.7	31.3	28.1	19.3	
41	18.6	26.6	-	6.4	10.8	14.5	41.6	27.7	26.5	16.4	
42	16.3	22.1	_	5.7	9.3	13.0	38.1	23.8	22.5	16.4	
43	14.1	13.3	<u> </u>	5.2	7.7	11.1	33 8	21.2 21.2	18.8 18.4	14.6 15.4	1
44	14,4	17.7	-	5.3	7.8	11.1	33.5	21.2	10.4	13.4	1
45	15.2	18.4	_	5.7	8.2	11.8	34.0	22.5	20.4	17.3	
46	15.8	19.9	_	5.9	8.6	12.1	33.5	26.9	22.6	18.0	
47	16.7	22.4	6.8	6.0	9.3	12.5	32.5	24.8	23.1	18.3	
48	17.5	23.8	6.1	6.3	9.8	13.7	33.2	26.0	23.2	18.6	
49	18.5	24.6	7.3	7.1	10.2	14.3	34.1	27.3	23.5	20.1	1
		1	1	•		_					]
50	18.6	25.6	7.8	6.7	. 10.1	14.2	34.0	28.0	24.3	19.0	
51	19.4	26.6	7.8	7.4	1	14.9	34.3	28.9	25.4	19.1 20.2	
52	20.2	27.2	, ,		10.6	16.2	34.6	30.7 31.9	28.0 28.3	20.2	
53	20.7	27.7	7.0	7.9 4.5	10.7	16.5	35.0 35.5	33.2	29.9	21.8	
54	21.7	28.7	7.8	, d.5	11.0	17.0	35.5	33.2	28.8	21.0	İ
55	21.8	29.2	7.9	8.4	10.9	17.5	35.4	33.0	31.2	20.6	1
56	22.2	29.3	9.5	8.5	11.1	18.2	35.1	34.0	31.5	21.3	
57	23.0	30.0	12.1	8.9	11.4	18.8	35.2	35 3	32.6	22.0	1
58	23.8	31.1	11.0	9.4	11.3	19.5	35.5	37.6	34.4	23.2	
59	23.7	31.7	11.2	9.3	11.0	19.7	35.3	37.5	35.1	22.2	
					100	00.0	05.4	004	04.0	22.7	
60	24.2	32.3	11.4	9.7	10.9	20.2	35.4	38.4 39.0	34.9 35.7	22.7	1
61	24.7	32.9	12.2	9.9	11.1	20.5	35.5 35.8	38.6	35.7	23.2	1
62	24.7	33.2	13.0	10.0	11.1   11.3	20.9	36.6	39.3	36.5	22.9	
63	25.1 25.3	33.4 33.9	13.5	10.4	11.3	21.9	36.7	39.7	37.9	22.9	
84	25.3	33.8	13.1	10.5	11.1	21.0	30.7	00.,	57.5		
65	25.3	34.0	13.8	10.7	11.0	22.1	36.6	39.6	38.3	22.3	
66	25.3	33.6	14.8	10.9	11.1	22.3	36.4	40.3	37.7	22.1	
67	25.8	33.5	14.6	11.3	11.5	22.5	36.9	40.9	37.4	23.1	
68	25.7	33.1	15.0	11.4	11.8	22.4	37.4	40.8	36.8	22.6	
69	26.1	32.9	16.1	11.8	12.1	22.6	37.7	41.3	38.5	22.6	
			1	40.0	4.0		00.5	40.4	20.2	22.5	1
70		32.4	16.8	123	12 3	23.0	38.5	42.4	38.2	23.5 22.5	1
71	26.4	31.9	17.8	12.3	12.3	23.5	39.1	41.8 41.3	36.1 36.0	21.5	
72	26.0 26.1	31.7	17.0 16.4	12.1 12.2	12.6	22.8	39.7	41.2	35.8	21.0	
73 74	26.7	31.8	17.3	12.7	13.8	22.9	40.6	41.3	36.0	21.6	1
17 · · · · · · · · · · · · · · · · · ·	20.7	31.8	17.3	''		1					1
75	28.2	32.4	17.4	13.3	14.2	25.3	42.4	42.9	36.7	23.6	
76	27.7	32.2	17.0	12.9	13.9	24.8	43.2	42.4	35.6	22.9	-
	27.9	32.1	19.4	13.0	14.2	25.1	43.4	42.6	35.1	21.8	
)78		31.9	20.4	12.9	14.1	24.9	43.6	42.7	34.8	21.6	
)79	28.0	31.3	20.7	12.9	14.4	24.2	43.8	42.9	34.7	21.7	1
00	ד מח	24.0	22.0		146	246	44 2	43.5	37 0	23.0	1
980		31.2	22.2	13.1	14.5	240		43.3	37 4	22.7	
981	00.0	31.2		1	:	25 5	45.0	44.3	403	23.4	ĺ
982	20.0	31.2	. 22.2	17.3	10.0	1 233		1	1		1

Prior data are as follows. 1919-2,042; 1920-2,006; 1921-1,635, 1922-1,793, 1923-1,912, 1924-1,862; 1925-1,878; 1926-1,942, 1927-1,964; 1928-1,896, 1929-2,135, 1930-2,098; 1931-1,869; 1932-1,580; 1933-1,473, 1934-1,592, 1935-1,695; 1936-1,813; 1937-2,003; 1938-1,962.

1923-18.6; 1924-19.3; 1925-18.9; 1926-19.1; 1927-19.6; 1928-19.1; 1929-19.9; 1930-21.9; 1931-22.9; 1932-22.8; 1933-19.9; 1934-18.7; 1935-18.7; 1936-18.4; 1937-18.6; 1936-20.8.

NOTE: Data include Alaska and Hawaii beginning in 1959. Dash indicates data are not available.



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<sup>4</sup> Prior data are as follows: 1919-19.2, 1920-18.8; 1921-19.8; 1922-19.7,

Table 72. Women employees on nonagricultural payrolls by industry division, 1959-82 [in thousands]

				М	anufactu	ring	Trans-	Vvhol	esale and trade	retail	Fi- nance,		G	iovernmer	nt
Year	Total	Min- ing	Con- struction	Total	Dura- ble goods	Non- durable goods	portation and public utilities	Total	Whole- sale	Retail	insur- ance, and real estate	Serv- ices	Total	Feder- al	State and loca
959	_	_	_	4,358	1,671	2,688	_	_	_	_	_		_ ;	:   —	; –
960		36	! —	4,371	1,681	2,691	l _	4,295	713	3,583	1,337		_ !	_	-
961	_	35	I —	4,292	1,642	2,651	l –	4,267	699	3,568	1,363	_			-
962	_	35	l –	4,474	1,749	2,725	l –	4,355	708	3,647	1,392		_ :	_	-
963	_	35	I —	4,482	1,746	2,736	_	4,428	716	3,712	1,423	_	_ ;	_	i -
964	19,662	34	152	4,537	1,756	2,782	723	4,618	736	3,882	1,464	4,415	3,718	530	3,18
965	20,660	34	152	4,768	1,889	2,879	748	4,881	763	4,118	1,496	4,611	3,970	542	3,42
966	22,168	34	156	5,213	2,182	3,032	786	5,124	804	4,320	1,549	4,931	4,375	610	3,76
967	23,272	35	158	5,353	2,277	3,076	835	5,297	827	4,470	1,624	5,267	4,703	674	4,03
968	24,395	36	164	5,490	2,338	3,152	860	5,526	852	4,674	1,709	5,632	4,979	710	4,26
969	25,595	37	174	5,667	2,446	3,221	911	5,841	898	4,942	1,819	5,994	5,153	723	4.43
970	26,132	37	186	5,448	2,284	3,165	957	6,007	918	5,089	1,907	6,2:4	5,365	723	4,64
971	26,46€	37	199	5,229	2,128	3,101	955	6,128	911	5,217	1,979	6,438	5,502	715	4 78
972	27,541	40	219	5,470	2,285	3,185	953	6,350	933	5,417	2,032	6,718	5,759	747	501
973	28,988	43	241	5,865	2,573	3,292	987	6,682	989	5,692	2,138	7,023	6,010	780	5,23
974	30,124	49	262	5,849	2,624	3,225	1,018	8,978	1,043	5,935	2,245	7,454	6,270	798	5,47
975		55	256	5,257	2,276	2,981	996	7,051	1,046	6,005	2,287	7,822	6,454	805	5,64
976		6.7	281	5,607	2,449	3,158	1,010	7,400	1,092	6,308	2,371	8,256	6,586	808	5,77
9/7	33,252	6:√	304	5,880	2,651	3,229	1,051	7,764	1,145	6,619	2,511	8,771	6,907	856	G,05
978	35,349	76	331	6,237	2,900	3.337	1,133	8,280	1,235	7,044	2,708	9,368	7,216	866	6,35
979	3.,093	91	355	6,466	3,092	3,374	1,237	8,697	1,319	7,378	2,882	9,919	7,450	860	6,59
980	38,186	105	372	6,317	3,009	3,308	1,292	8,851	1,362	7,489	3,039	10,452	7,759	808	6,85
981		129	380	6,341	3,034	3,306	1,340	8,989	1,395	7,595	3.158	10,971	7,730	878	6,85
982	38,992	136	377	6,006	2,838	3,169	1,336	9,039	1,395	7,644	3,193	11,329	7,571	883	6,68

NOTE: Dash indicates data are not available.



Table 73. Women employees on manufacturing payrolls by major industry group, 1959-82 [in thousands]

	į		P1. 2001 2				Dura	ble goods					
Yea	ar :	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass indus- tries	Primary metal indus- tries	Fabricated metal products	Machin- ery, except electrical	Electric electror equipme	nic	ansporta- tion quipment	instruments and related products	Miscella- neous manufactur- ing industries
1959		1,671	46.3	63.6	92.0	71.5	202.5	192.4	49	99.3	207.4	138.8	154.7
1960		1,681	46.8	62.3	91.9	71.6	198.4	195.3		18.5	199.2	141.5	155.4
		1,642	45.4	60.7	86.3	67.4	190.1	189.2		19.4	190.7	138.7	152.0
		1,749	46.7	64.1	91.2	69.4	202.3	190.6	į.	89.7	200.7	146.8	159.1
1963		1,746	46.2	65.0	91.5	66.6	207.2	199.9		BO.6	200.6	146.4	159.3
1964		1 756	40.2	<b>68</b> .6	93.4	69.1	211.7	204.5	3	58.6	189.9	146.1	166.2
1965		1,889	50.1	74.3	95.3	73.6	223.6	222.1	62	20.6	192.9	155.6	180.6
		2,182	57.6	66.6	100.6	61.3	253.1	257.0		48.2	225.2	179.2	190.5
		2,277	62.3	93.9	99.6	64.7	279.6	279.1		55.7	246.3	167.8	167.6
		2,338	67.3	102.4	100.6	86.3	305.9	286.3		54.7	246.5	192.6	192.9
		2,446	72.7	111.9	107.4	92.0	327.1	304.3		86.0	242.5	204.2	197.6
1970		2,284	69.1	106.9	107.1	90.6	293.7	297.4	7:	28.0	206.8	194.9	167.7
		2,128	69.9	109.2	104.6	68.0	269.7	269.3		87.6	187.6	161.8	180.3
		2,285	79.6	121.7	112.5	90.3	286.3	286.3	1	20.0	195.9	196.7	193.9
1973		2,570	91.4	134.6	122.0	101.1	312.9	335.2	8	16.6	227.4	226.1	205.2
		2,624	88.8	135.1	122 9	105.2	310.4	371.6		11.1	228.7	243.2	206 5
		2,275	75.4	114.0	109.5	93.4	268.3	339.3	6:	59.2	213.2	219.1	165.0
1976		2,449	86.0	122.7	116.9	101.4	291.0	349.6	7	14.1	232.9	235.6	198.5
1977		2,651	96.8	130.7	123.7	110.1	315.9	383.9	7	73.3	259 8	254.1	203.3
1978		2,900	107.5	143.7	130.7	121.1	342.2	430.8		39.2	295.1	275.8	213.4
1979		3,092	114.7	146.7	133.7	134.2	358.2	475.4		00.2	322.9	294.7	210.7
		3.009	103.2	137.9	.36.3	124.6	336.0	494.1		90.5	297.4	303.3	195.8
		3,034	101.2	139.9	125.2	124.1	335.3	506.9		93.1	307.6	310.4	190.5
1982	······;	2,638	90.7	130.3	114,7	103.8	302.2	479.4	6	50.8	287.1	302.6	176.2
							Nondu	rable goods	·		<del></del>		- <del> </del>
	,	Total	Food and kindred products	Tobacc manufa tures		l and t	other and	allied a	nd an	emicals d allied oducts	Petro- leum and coal products	Rubber an miscellaneo plastics products	
	<u>-</u>		<del>†</del>	<del> </del>	+	7.00			-		<u> </u>	<del>                                     </del>	
		2.688	426.2	4	8.7 4		51.1		250.2	150.6	17.5		
1960		2,691	426.8	4	7.1 40	01.5   9	62.2	130.4	256.8	152.9	17.2		
1961	:	2,651	423 1		3.9   38	38.6	44.6	129.1	258.6	152.7	16.6		
1962		2,725	419.3	)   4:	2.8 39	94.0   9	90.9 į		264.4	157.5	16.3		
1963 .	'	2.736		! 4	1.2   38	33. <b>6</b>   1.0	10.0		267.4	161.5	15.9		2.0 183.4
1964		2,782	421 3	4	3.8 36	38.3 1.0	031.0	130.5	276.2	164.8	16.1	120	3.4 163.2
1965		2,879							285.2	172.0	16.1		
1966		3.032					18.0		305.0	165 6	16.5		
		3,071							323.0	197.9	16.4		
1968. 1969		3,152 3,221					23.5 34.0		332.8 349.5	209.2 219.8	16.9 16.9		
				1		•		1					i.5 184.5
1970		3,165					02.6	1	359.8	216.1	17.8		
1971		3,101				1	87.6		357.0	207.4	17.8		
		3,165					18.4		369 8	210.5	18.2	1	
1973 1974		3,292 3.225		. 3 5 } 3		1	158.9   103.0	146.4 146.8	383.3 392.7	221.3 228.0	18.2 18.7		
				•	!	i	05.5	•	388.7	218.0	19.€	19	1.6 149.9
1975		2,981					067 9 i		402.5	2293			
1976		3,158			- 1		0650		402 5	245.2	23.4	1	
1977		3,229			,		081.2		453.1	258 2		:	
1978 1979		3,337 3,374					057.3		480.0	270.7	26.3		
				1	;	i	:	:	!		1	1	
		3 300	508 5	; , າ	47 4	014 1	022 0	159.2	496 7 i	277.3	27.0	1 25	1.0 140.0
1980 1981		3.308 3,306			•		022 0 004.7	159 2 , 160 3 ;	496 7   507 0	277.3 285.0	27.0 30.9		



Table 74. Employees on nonagricultural payrolls by region and State, selected years, 1939–82 [in thousands]

Region and State	1939	1945	1950	1955	1960	1961	1962	1963	1964
Region I	0.000.0	0.440.0	0.040.0	0.540.0	0.007.0	0.745.4	0.700 4		0.000
		3,112.8	3,346.6	3,546.9	3,697.9	3,715.4	3,792.4	3,814.2	3,868
Maine	212.4	258.3	253.9	275.1	277.5	277.1	279.5	279.6	285
New Hampshire		149.0	170.3	163.5	200.7	201.9	207.9	208.8	212
Vermont		90.6	96.9	102.1	107.9	107.3	110.5	111.5	113
Massachusetts	1,371.5	1,647.1	1,761.0	1,816.4	1,904.7	1,914.9	1,946.4	1,946.9	1,961
Rhode Island	243.8	279.1	298.6	295.0	291.7	291.6	296.3	298.1	303
Connecticut	558.7	686.7	766.1	874.6	915.4	922.6	949.8	969.3	991
Region II	5,377.9	0.004.0	7 000 4	7 700 4	0.400.0	0.404.0	0.057.4		0.500
New York		6,634.2	7,233.1	7,782.4	6,1~7.0	6,191.3	8,357.1	8,403.1	6,539
		5,061.3	5,576.0	5,917.1	0,131.9	6,157.7	6,261.3	6,273.7	6,370
New Jersey	1,247.0	1,572.9	1,657.1	1,865.3	z, )	2,033.6	2,095.8	2,129.4	2,168
Region III	4,514.4	5,760.0	6,307.6	6,622.6	6,743.2	6,689.0	6,857.0	6,953.2	7,133
Pennsylvania		3,335.3	3,644.4	3,749.6	3,715.4	3,634.1	3,694.9	3,694.6	3,777
Delaware		97.8	121.0	143.7	153.9	151,9	156.4	163.6	170
Maryland		650.5	715.2	834.3	894.7	908.7			1,008
District of Columbia	200.5	1	1		1		949.2	976.6	1 .
		487.2	497.3	502.7	<sup>1</sup> 501.6	511.4	527.2	542.5	551
Virginia		728.3	805.4	912.0	1,017.6	1,034.6	1,081.6	1,123.6	1,163
West Virginia	373.5	460.9	524.3	480.5	460.0	448.1	447.5	449.9	460
Region IV	3,316.1	4,436.4	5, 38.5	6,062.5	6,909.1	6,946.0	7,209.4	7,477.9	7,789
North Carolina		759.2	927.6	1,059.4	1,195.5	1,209.1	1,258.5	1,298.6	1,353
South Carolina		1		, .		1 -			1
		396.0	461.4	533.0	582.5	587.0	609.6	630.6	65
Georgia		725.4	806.6	959.5	1,051.1	1,050.7	1,092.7	1,139.7	1,18
Florida		562.2	704.4	965.9	1,320.6	1,333.9	1,387.6	1,447.4	1,52
Kentucky		466.4	547.B	620.2	653.6	6∹ನ.0	673.7	702.9	72
Tennessee	475.3	682.0	759.3	867.6	925.4	934.0	969.4	1,002.5	1,04
Alabama	405.3	579.1	619.6	702.9	776.4	774.6	791.6	612.5	84
Mississippi		268.1	311.6	354.0	404.0	408.7	425.7	443.7	460
legion V	7.54.4	0.745	44 405 0	40 404 5			40.004.00	40000	
		9,745.6	11,185.9	12,401.5	12,616.0	12,338.6	12,661.7	12,905.9	13,29
Ohio		2,417.9	2,760.0	3,126.9	3,147.3	3,044.3	3, <b>099</b> .2	3,145.2	3,210
Indiana		1,100.6	1,273.4	1,377.4	*1,431.4	1,408.4	1,461.3	1,498.7	1,545
Illinois		2,654.4	<b>\$3,175.2</b>	3,426.6	3,537.9	3,502.5	3,572.5	3,614.4	3,712
Michigan	1,348.1	1,797.9	2,153.9	2,479.2	2,350.7	2,246.9	2,337.0	2,412.4	2,518
Wisconsin		896.6	1,022.1	1,108.1	1,191.9	1,179.9	1,207.2	1,233.5	1,27
Minnesota		678.2	3 802.3	881.1	956.6	956.6	984.5	1,001.7	1,02
Region VI	2,089.5	0.000	0 404 4	40745	4 500 5	4.540.0	4.000.0	4 700 0	4.00
Arkansas		2,922.8	3,484.4	4,071.5	4,503.5	4,519.6	4,660.3	4,788.6	4,96
		273.1	296.3	321.0	367.6	376.0	399.7	416.3	43
Louisiana		540.6	636.2	725.5	763.0	774.0	790.1	610.5	849
Oklahoma		424.0	476.9	550.9	577.1	582.1	<b>596</b> .7	606.7	611
Texas		1,579.2	1,921.4	2,291.2	2,539.5	2,549.5	2,631.2	2,706.5	2,80
New Mexico	79.5	105.9	151.6	182.9	236.3	236.2	242.6	248.6	259
legion VII	1,787.7	2,276.2	2,585.3	2,827.9	2,974.6	2,963.9	3,01 <b>2</b> .3	3,059.4	<b>3</b> ,132
lowa		508.2	808.6	532.6	680.1	676.5	685.2	699.6	718
Missouri									
Nobracka	030.0	1,058.7	1,190.1	1,292.1	1,350.1	1,332.5	1,357.2	1,383.5	1,41
Nebraska Kansas		287.4 421 9	322.3 464.3	358.2 545.0	384.4 560.2	390.5 562.4	396.4 573.5	401.9	400 587
	!	7215	404.3	343.0	300.2	302.4	3/3.5	574.2	56.
egion VIII		620.9	1,007.0	1,152.3	1,315.0	1,351.4	1,394.0	1,423.5	1,44
North Dakota		81.1	109.2	116.3	126.6	127.0	131.3	136.7	14
South Dakota	85.9	94.9	120.0	129.7	142.7	148.0	153.9	152.6	152
Montana		115.3	147.2	160.2	165.0	165.2	169.7	172.6	174
Wyoming		64.9	80.2	85.4	96.5	96.3	95.5	96.2	97
Colorado	233.4		ı [		1	1	_ 1		
Utah		<b>295</b> .9 168.8	361.3 189.1	436.8 223.9	520.9 263.1	542.6 272.1	557.5 286.1	571.7 293.7	580 290
	1	,	100.1		! !		!	203.7	
egion IX		3,148.1	3,424.8	4,393.4	45,522.0	5,646.6	5,904.6	6,131 9	6,352
Arizona		136.5	161.6	226.0	333.8	347.1	364.8	377.2	389
Nevada	34.8	48.3	53.8	84.5	103.4	109.6	126.9	142.8	149
California	1,812.0	2,961.3	3,209.4	4,082.9	4,896.0	4,996.1	5,217.7	5,412.3	5,606
Hawaii	1 1	!	_		188.8	193.8	195.2	199.6	207
egion X	7746	1 104 4	1 050 0	1 000 "	04 504 0		1 800 0	4.600.0	
•		1,194.1	1,253.3	1,382.5	1,534.2	1,54 1.6	1,609.3	1,626.9	1,662
Idaho		102.8	131.6	13 <b>8</b> .5	155.2	159.1	164.6	164.7	168
Washington		706.5	683.8	<b>7</b> 68.0	812.7	818.5	856.8	850.6	654
				4700			500.0	1	F70
Oregon	258 6	384.8	437.9	476.0	509 7	509.9	529.0	549.5	573



Table 74. Employees on nonagricultural payrolls by region and State, selected years, 1939-82 —Continued

[In thousands]

Region and State	1965	1966	1967	1968	1969	1970	1971	1972	1 և 3
legion I	4,004.3	4,202.7	4,327.8	4,424.5	4,543.9	4,541.9	4,471.8	4,576.0	4,752.
Maine	i '	309.2	316.9	323.2	330.0	332.2	332.3	343.7	354.
New Hampshire		235.2	244.0	251,8	.?59.2	258.5	259.9	278.5	297.
Vermont		130.8	136.3	140.3	145 5	147.9	146.1	153.6	161.
Massachusetts		2,102.1	2,162.2	2,208.2	2,268.7	2,261.7	2,224.2	3 2,251.7	2,333.
Rhode Island		330.0	336.3	343.0	348.4	344.1	342.8	358.1	365.
Connecticut	1	1,095.4	1,130.1	1,158.0	1,194.1	1,197.5	1,164.3	1,190.4	1,238.
	i i		1		1	1	9,619.0	9,711.0	9,691.
Region II		9,068.6	9,279.8	9,486.9	9,751.6	9,762.6	ł ·	7,038.5	7,132
New York	4	6,709.5	6,856.3	7,001.7	7,182.0	7,156.4	7,011.4 2,607.6	2,672.5	2,759
New Jersey	2,259.0	2,359.1	2,421.5	2,485.2	2,569.6	2,606.2	2,007.0	1	1
egion III	7,427.2	7,769.7	7,975.8	8,166.6	8,382.9	8,519.7	8,541.5	6,815.1	9,106
Pennsylvania	3,917.5	4,077.1	4,171.3	4,263.5	4,374.9	4,351.6	4,291.3	4,400.0	4,506
Delaware	184.1	193.2	197.4	202.9	211.9	216.8	224.9	232.4	239
Maryland	1,057.6	1,132.0	1,176.6	1,223.9	1,272.4	1,349.2	1,371.5	1,415.0	1,471
District of Columbia	572.5	587.0	594.7	582.6	575.0	<b>566</b> .7	566.6	572.0	573
Virginia	1,218.9	1,285.3	1,330.2	1,385.1	1,436.4	61,518.9	1,567.2	1,655.2	1,753
Wast Virginia	576.6	495.1	503.6	508.4	512.3	516.5	520.0	540.5	561
egion IV	6,233.9	6.779.2	9,108.6	9,503.9	9,946.6	10,166.4	10,468.4	11,200.5	11,981
North Carolina	1	1,534.2	1.600.9	1,678.5	1,747.0	1,762.7	1,613.8	1911.9	2,016
· · · · · · · · · · · · · · · · · · ·	1 1	734.9	754.4	782.9	619,6	642.0	862.6	920.3	984
South Carolina		1,337.9	1.394.7	1,455.6	1,531.7	1,557.5	1,602.9	1,695.2	1,802
Georgia			1,816.4	1,932.3	2.069.9	2,152.1	2,276.4	2,513.1	2,776
Florida		1,726.8	1 .	868.6	695.2	910.1	931.6	988.3	1,038
Kentucky	1	603.8	836.5	1	1,309.8	1,327.6	1,356.6	1,450.1	1,531
Tennessee	•	1,184.4	1,218.8	1,264.0		1 -	1,021.9	1,072.3	1,135
Alabama	i	935.6	951.8	970.1	1,000.2	1,010.5	602.2	649.3	693
Mississippi	486.6	521.6	535.1	551.9	573.0	583.9		1	1
egion V	13,975.5	14,773.9	15,140.6	15,532.0	16,053.7	15,925.6	15,8098	16,231.8	16,992
Ohio	3,364.3	3,537.3	3,819.8	3,750.6	3,887.3	3,880.6	3,839.5	3,938.3	4,112
Indiana	1,631.1	1,737.2	1,777.0	1,817.4	1,880.3	1,849.0	1,841.1	1,921.9	2,020
Illinois		4,095.3	4,209.7	4,284.9	4,376.1	4,345.6	4,296.4	4,314.8	4,470
Michigan	2,687.4	2,861.7	2,903.8	2,963.3	3,085.1	3,004.9	2,997.2	* 3,118.9	3,284
Wisconsin	1,331.7	1,394.1	1,430.5	1,472.1	1,525.1	1,530.4	1,525.4	1,580.6	1,660
Minnesota	1,080.6	1,148.3	1,199.8	1,243.5	1,299.6	1,315.3	1,310.2	1,357.1	1,430
egion VI	5,194.3	5,504.1	5,730.0	5,956.4	6,199.8	6,249.9	6.3/0.5	6,733.9	7,130
Arkansas	1	489.8	501.0	514.6	533.8	536.2	551.0	581.5	614
Louisiana.	1	957.9	997.3	1.020.5	1,032.9	1,033.6	1,055.9	1,128.6	1,170
Oklahoma		676.0	899.7	720.4	748.3	762.6	774.4	811.9	85
		3,108.7	3,259.4	3,424.3	3,597.1	3,824.9	3,683.5	3,884.4	4,14
Texas		271.7	272.8	276.6	267.5	292.6	305.7	327.5	340
New Mexico	l .	1	1			l	1	1	1
egion VII	3,249.6	3,426.3	3,530.4	3,614.3	3,706.3	3,708.0	3,712.1	3,846.9	403
lowa		803.8	832.8	852.1	673.4	876.9	882.7	912.3	96
Missouri	1,478.3	1,554.1	1,595.5	1,631.3	1,672.1	1,668.0	1,660.6	1,700.1	1,770
Nebraska	418.7	434.1	449.3	458.8	474.4	484.3	490.8	517.0	54
Kansas	600.4	634.3	652.8	672.1	686.4	678.8	677.8	717.5	76:
egion VIII	1,476.1	1,538.8	1,584.8	1,84C.5	1,702.0	1,753.6	1,818.1	1,061.0	2,084
North Dakota		148.3	151.5	155.6	157.8	163.6	167.0	176.1	18
South Dakota		160.1	163.9	167.ь	172.9	175.4	179.0	189.9	19
Mon'ana		184.8	188.0	192.5	195.5	199.1	204.8	215.3	22
Wyomang		97.2	99.0	102.9	106.9	108.3	111.0	117.3	124
Colorado	1	631.2	655.8	688.6	720.7	750.2	787.0	869.4	93
Utah	1 111	317.4	323.6	335.1	348.2	357.0	369.3	393.0	41
	1		1	1				}	i
egion IX		6,974.1	7,221.0	7,548.1	7,918.1	7,990.6	8,010.4	8,392.3	6,90
Anzona	ł .	434.8	445.6	473.4	517.2	547.4	581.4	646.3	714
Nevada		162.0	166.1	177.3	193.5	203.3	210.5	223.4	7 62
California		8,145.2	6,367.6	6,642.1	8,931.5	6,946.2	6,917.0	7,209.9	7,62
Hawaii	219.4	232.1	2417	<b>255</b> .3	275.9	293.7	301.5	312.7	35
egion X	1,752.9	1,889.7	1,962.0	2,051.4	2,116.8	2,030.8	2,108.5	2,214.2	2,33
Idaho	1	184.8	167.7	192.9	2014	207.8	217.1	236.5	25
Washington	i :	988.4	1,045.3	1	1,120.1	1,079.4	1,064.5	1,100.1	1,15
Oregon	l l	640.4	852 1	i	708.5	710.5	729.1	774.3	818
Alaska			i		86.8			1	1



Table 74. Employees on nonagricultural payrolls by region and State, selected years, 1939-82 —Continued

(In thousands)

Region and State	1974	1975	1976	1977	1978	197(	1.80	1981	1982
Region I	4,809.3	4,657.5	4,787.0	4,983.3	5,224.0	)   5,390.5	ە.481.5	5,5123	2.822
Maine		1 356.9	375.3	387.8	405.6	415.9	i 418.3	419 2	410
New Hampshire		292.8	313.4	337.1	359.6	378.5	385.4	394 6	
Vermont		162.1	168.4	178.4	190.6	197.9	200.1	204.3	
Massachusetts		2,273.1	2,323.5	2.416.0	2,526.3	2,603.5	2,652.2	2,654.1	
Rhode Island		349.2	366.7	381.7	395.8	400.0	398.3	401.4	390.
Connecticut		1,223.4	1,239.7	1,282.3	1,346.1	1,397.7	1,426.8	1,438.7	1,425
		1	i	<b>,</b>	1	1	i	'	
Region II		9,529.8	9.543.2	9,694.5	10,006.4	10,206.6	10,267.5	1 . 0,000. 1	· 10,319.
New York		6,829.9	6,789.5	6,857.6	7,044.5	7,179.4	7,207.1	7,287.3	7,234.
New Jersey	2,783.0	2,699.9	2,753.7	2,836.9	2,961.9	3,027.2	3.060.4	3,098.1	3,085.
Region III	. 9,198.1	9,074.9	9,268.0	9,470.3	9,852.7	10,140.2	10,143.3	10,104.2	9,823
Pennsylvania	4,514.6	4,435.8	4,512.8	4,565.2	4,716.2	4,806.1	4,753.1	4,728.9	4,561.
Delaware	233.1	229.9	236.7	238.8	247.8	256.7	259.2	259.2	258
Maryland	1,493.6	1,479.3	1,498.3	1,545.6	1,625.8	1,691.3	1,711.8	1,715.8	1,669
District of Columbia	580.1	576.5	575.8	578.7	596.3	612.5	616.1	611.0	595.
Virginia	1,804.3	1,778.7	1,848.1	1,930.4	2,033.5	2,115.0	2,157.2	2,160.8	1,129.
West Virginia	572.4	574.7	596.3	611.6	633.1	658.6	645 9	628.5	608
	1			1	1			ľ	1
Region IV		11,875.6	12,357.2	12,843.2	13.742.7	14,280.5	14,447.0	14,643.0	14,424.
North Carolina		1,979.9	2,082.7	2,1/0.4	2,277.4	2,373.0	2,380.0	2,391.6	2,338.
South Carolina		982.6	1,038.1	1,081.7	1,137.5	1,176,0	1,188.8	1,196.1	1,162.
Georgia	, .,	1,755.7	1,839.1	1,926.4	2,050.1	2,127.5	2,159.4	2,198.6	2,201.
Florida		2,746.4	2,784.3	2,933.2	3,180.6	3,381.2	3,576.2	3,736.9	3,762.
Kentucky		1,057.6	1,103.1	1,148.3	1,209.9	1,245.4	1,210.0	1,196.0	1,164.
Tennessee		1,505.7	1,575.4	1,648.1	1,737.0	1,777.3	1,747.2	1,757.1	1,688
Alabama		1,155.4	1,207.0	1,269.2	1,336.5	1,362.0	1,356.1	1,347.6	1,315.
Mississippi	710.B	692.3	727.5	765.9	813.7	838.1	829.3	819.1	793.
Region V	17,208.5	16.664.4	17,213.7	17,838.1	18,574.4	18,968.6	18,515.9	18,231.5	12,914
Ohio		4,016.2	4.094.5	4,230.1	4,394.6	4,484.7	4,367.4		
Indiana		1,941.7	2,023.8	2,114.0	2,205.5	2,236.3		4,317.6	4,138.
Illinois .		4,418.9	4,565.7	4,655.5	4,788.8	•	2,129.5	2,114.4	2,010.
Michigan		3,136.6	3,283.0	3,442.3	3,609.4	4,883.3	4,867.1	4,752.5 3,364.4	2 100
Wisconsin	1,703.4	1,676.8	1,725.9		4 .	3,637.1	3,442.8		3,189.
Minnesota		1,474.2	1,520.8	1,798.9 1,597.3	1,887.0 1,688.9	1,960.2	1,938.1 1,771.0	1,919.9	1,867 1,708
	1	l '		1	1	1,767.0		1,762.7	1
Region VI		7,606.1	7,979.2	8,353.9	8,947.6	9,416.9	9,775.5	10,227.4	10,313.
Arkansas		623.8	<b>660</b> .0	695.6	732./	749.4	742.3	740.1	, 71 <del>9</del> .
Louisiana		1,249.5	1,314.4	1,364.6	1,463.5	1,517.4	1,578.9	1,830.5	1,614.
Okiahoma		899.7	931.1	971.5	1,035.5	1,087.3	1,137.7	1,201.5	1,232
Texas	4,360.2	4,462.9	4,683.7	4,906.8	5,271.6	5,601.8	5,851.2	6,179.8	6,273.
New Mexico	360.2	370.2	390.0	415.4	444.3	<b>46</b> 1.0	465.4	475.5	473.
Region VII	4,140.6	4,098.3	4,241.6	4,405.7	4,594.7	4,720.8	4.652.0	4,617.8	4,469.
lowa		998.7	1,036.9	1,079.2	1,1192	1,131.7	1,109.9	1,088.6	1,030.
Missouri		1,740.6	1,797.8	1,861.8	1,953.1	2,011 1	1,969.8	1 956.3	1,916.
Nebraska	1 .	557.8	572.1	593.7	609.9	631.2	627.6	623 2	603.
Kansas		801.2	834.8	871.0	912.5	946.B	944 ?	949.7	
_					1		i		i
Region VIII		2,200.8	2,307.4	2.429.8	2,613.8	2,736.5	2,775.7	2,843.9	2,841
North Dakota	1 <b>93</b> .8	203.6	215.0	.¹21 t	234.0	244.2	245.2	249.4	250
South Dakota		209.3	.718.6	2 26.6	236.6	241 4	238.0	236 0	230.
Montana	,	238.1	231.1	234.8	280.4	283.8	280.4	281.8	271
Wyoming		146.0	15\`5	170.5	187.4	200 7	210.2	223.5	217.
Colorado		963.5	1,003.4	1,058.1	1,150.0	1,218.0	1,251.1	1,295.2	1,311.
Utah	434 1	440.3	462.8	488.7	525.4	548.4	550.8	558.0	560.
Region IX	9,172.3	9,182.2	9,541.9	10,076.8	10,822.8	11,422.3	11,6711	11,853 1	11,661
Arizona		729.1	758.7	8003	895.4	979.9	1,0140		
Nevada		263.1	279.8	308.2	350.3	383.7	460.0	1,040 B 411 2 3	1,029.1 405.1
California	" === :	7,847.?	8,154.2	8,599.7	9,199.8	9,664.6	9,852.4	9,9963	
Hawaii	1				· · I	· - 1	<u> i</u>		9,825
	1	342.8	349.2	359.4	377.3	394 1	404.7	404 B	401
Region X	• •	2,497.9	2.824.3	2,774.6	2,989.8	3,142.3	3.152.3 <sup>3</sup>	3,135 5	2,724
Idaho	. 266 8	273.0	291.0	307.4	331.3	338.0	030 0	327 8	1.5 <b>6</b> 9 3
Washington	1,198 9	1,225.7	1,283.1	1.367.0	1,485.6	1,581.2	1.608 3	1,6120	1,569.2
Oregon	837.9	837.4	878.5	936.9	1,009.4	i,056.2	1,044.6	1,018 4	
Alaska	127.9	161.8	1717	163.3	163.5	166.9	169.4	1773	
The second of th	1 <i>21.8</i>	ן טוטו	! '('/	100.3	(173.5	: 017.8	108.4	1//3	1 :

<sup>&</sup>lt;sup>1</sup>Beginning in 1956, Federal amployment in the Maryland and Virginia sectors of the Washington, D.C., SMSA is not included in the data for the District of Columbia.



<sup>&</sup>lt;sup>2</sup> Data not strictly comparable with prior years

<sup>&</sup>lt;sup>3</sup>Begin sing with this year, data are based on the 1972 Standard Industrial Classification Manual

<sup>&</sup>lt;sup>4</sup>Beginning in ±960, data include Hawaii

<sup>&</sup>lt;sup>5</sup>Beginning in 1960, data include Alaska.

<sup>\*</sup>Prior to 1970 Federal employment in the Maryland and Virginia sectors of the Washington, D.C., SMSA is not included in the data for Maryland and Virginia.

NOTE: Dash indicates  ${\rm Ga}^{\star}a$  are not  $\gamma$  aliable. Data are based on the 1972 SIC Manual unless otherwise noted.

Table 75. Employees on manufacturing payrolls by region and State, selected years, 1939-82

[in thousands]

Region and State	1939	1945	1950	1955	1 <del>96</del> 0	1961	1962	1963	1964
egion I	1,178.8	1,503.4	1,468.6	1,484.1	1,451.7	1,428.2 ;	1,453 3	1,423.4	1,411
Maine	95.1	113.2	109.0	108.3	104.5	103.2	104.3	102.8	104
New Hampshire	69.2	74.5	79.1	83.1	87.0	85.9	88.6	85.9	85
Vermont	28.0	41.2	36.9	37.1	35.3	33.8	35.6	34.9	34
Massachusetts	574.4	734.0	715.7	700.7	898.0	684.9	687.6	663.5	649
Rhode Island	128.9	142.3	148.0	131.7	119.7	116.8	118.9	115.5	118
Connecticut	283.2	398.2	379.9	423.2	407.2	403.6	418.3	420.8	421
1	1		2,672.2	2,817.9	2,887.5	2,614.5	2,650.7	2,€13.5	2,601
egion !!	1,941.0	2,804.3		2,006.8	1,878.7	1.823.0	1,837.9	1,804.1	1,794
New York	1,356.3	1,989.8	1,915.8	-	808.8	791.5	812.8	809.4	80
New Jersey	584.7	814.5	756.4	811.1			. 1		
gion III	1,547.1	2,180 2	2,151.1	2,245.8	2,183.9	2,111.8	2,154.2	2,162.8	2,21
Pennsylvania	1,061.4	1,485.4	1,485.5	1,515.0	1,444.5	1,383.0	1,403.9	1,401.0	1,43
Delaware	29.8	47.0	51.8	59.5	58.9	55.4	56.1	59.1	6
Maryland	172.4	271.4	232.9	266.2	259.9	256.7	258.6	260.4	25
District of Columbia	15.4	16.7	20.0	19.7	21.0	20.6	20.8	20.6	2
Virginia	172.6	225.3	229.5	254.9	275.0	276.0	292.4	297.5	30
West Virginia	i	134.4	131.4	130.5	124.6	120.1	122.6	124.2	12
-	1.177.4	:	1,708.5	1,979.0	2,145.3	2,128.8	2,237.5	2,013.0	2,40
gion IV		1,637.7		• _		504.3	525.6	537.0	55
Nortif Carolina	318.1	370.9	414.4	456.1	504.5		260.1	269.6	27
South Carclina		175.0	210.2	231 2	244.6	246.5	,	,	37
Georgia		279.1	287.1	335 6	341.6	333.9	350.5	363.8	23
Florida	71.9	110.8	102.9	147.6	207.5	211.8	223.1	229.3	
Kentucky		132.6	140.5	169.7	173.2	167.4	176.4	184.7	19
Tennessee	162.4	256.6	249.2	295.9	315.0	313.1	331.6	344.7	36
Alabama	.42.9	225.0	217.5	238.0	238.7	232.8	242.2	249.4	2!
Mississippi	59.4	87.7	86 7	104.9	120.2	119.0	128.0	134.5	14
gion V	2,924.0	4.540.6	4,710.7	5,127.6	4,741.3	4,478.0	4,672.7	4,753.9	4,8
- I		1,218.2	1,220.0	1,370.8	1,264.8	1,183.2	1,218.2	1,236.6	1,2
Оно		539.0	580.1	628.6	593.9	568.2	601.8	614.5	6
Indiana			1,212.6	1,290.2	1,225.4	1,179.3	1,214.0	1,218.6	1,2
Illinois		1,182.8	1,063.2	1,164.2	976.6	879.4	943.7	980.7	1,0
Michigan		960.9	1 .	458.0	460.4	439 0	455.9	461.4	4
Wisconsin		430.0	434.5	216.0	229.2	226.3	239.1	242.1	2
Minnesota	112.2	209.7	1200.3	1	ì				
gion VI.,	379.5	698.4	660.2	802.6	839 3	831.8	866.0	892.9	9
Arkansas	47.0	69.5	75.7	85.7	103.0	105.6	114.0	119.4	1.
Louisiana	103.2	164.0	145.0	154.8	144.9	138.7	141.9	148.9	1.
Oklahoma	42.4	89.2	65.6	88.5	86.6	86.5	90.4	90.9	ĺ
Texas	183.0	369.3	363.6	461.1	487.7	484.4	502.1	516.5	5
New Mexico	3.9	6.4	10.3	12.5	į , •	15.6	176	17.2	}
		į .	i	755.7	757.6	733.6	753.1	759.9	7
gion VII		693.3	360.4	4	1			179.0	1
lowa	92.1	145.3	154 9	171.4	177.1	171.6	174.8		i
Missouri	•	; 372.1	356.5	391.6	395.6	378.5	390 3	396.8	4
Nebraska	298	58.3	51 8	61.2	66.5	66.3	67.6	66.2	
Kansas	48.8	117.6	97.2	131.5	118.4	117.2	120.4	117.9	1
gion VIII	62.1	119.5	135.3	1530	186.3	194.0	200.8	204.0	1
North Dakota	1	5.7	6.1	6.6	6.5	6.3	7.0	7.8	ł
South Dakota	•	10.2	11.6	11.9	13.0	13.7	14.0	14.8	]
Montana	•	14.4	17.9	20.3	20.3	20.3	21.9	22.3	
		1	6.4	6.9	8.4	8.4	7.5	7.2	
Wyoming			63.6	71.7	90.6	94.8	96.1	96.4	
Colorado		:	29.7	35 6	47.5	50.5	54.3	55.5	
Utah.	177		23.7	ļ.	1		1	Ì	
gion IX	394.3	884.1	780.2	1,159.8	1,397.6	1,400.4	1,468.7	1,484.1	1,4
Arizona	8.5	20.1	17.0	32 7	49.3	51.0	55.2	58.0	
Nevada	1.4	3.2	3.5	6.0	5.4	5.7	6.0	6.8	
Califorcia		860.8	759.7	1,121.1	1,317.2	1,318.0	1,382.5	1,394.3	1,3
Hawau			_	_	25.7	25.7	25.0	25.0	
		ļ	1	379.5	3 395.8	3917	412.0	405.2	4
egion X		:	339.0	i	1	29.9	30.5	30.4	'
Idaho	•		22.4	25 8	28.8	217.5	232.6	224.0	2
Washington			178.6	207.5	216.6	1 .	i	145.1	1
Oregon	80.9	152.4		148.2	144.4	139.1	143.4	i	1
		,		i -	5.8	5.2	5.5	: 57	1



Table 75. Employees on manufacturing payrolls by region and State, selected years, 1939-82—Continued

[In thousands]

Region and State	1965	1966	1967	1968	1969	1970	1971	1972	1973
Region I	1,459.6	1,549.4	1,564.7	1,553.2	1.539.2	1453.6	1,341.3	1,363.0	1 400
Maine	108.0	115.0	116.3	1180	i 115.7	110.4	102.7	1,303.0	1,422
New Hampshire	89.8	96.0	97.6		97.9	91.6	86.3	90.8	· 104.
Vermont	38.6	43.4	44.2	43.7	43.4	40.5	37.9	38.5	41.
Massachusetts	665.8	696.0	699.7	690.1	682.6	648.3	600.2	1 610.2	634
Rhode Island	121.3	127.6	127.4	127.4	127.9	120 9	115.2	121.0	125
Connecticut	436.1	471.4	479.5	474.3	471.7	441.9	399.0	400.1	420
	j	1				i	1	!	:
egion II		2,773.8	2,768.5	2,764.3	2,763.3	2,621.3	2,451.8	2,425.5	2,461.
New Jersey	1 .	1,894.5	1,885.7	1,879.0	1,870.8		1,633.5	1,602.2	1,619
		879.3	882.8	885.3	892.5	860.7	<b>6</b> 18.3	823.3	842
legion III	2,299.5	2,410.8	2,418.6	2,440.0	2,467.0	2,383.1	2,266.9	2,291.1	2,359.
Pennsytvania		1, <b>56</b> 5.3	1,562.4	1,570.0	1,588.9	1,528.8	1,438.1	1,444.0	1,480
Delaware	67.8	71.0	71.7	72.9	73.6	71.1	68.8	69.4	73.
Maryland	264.8	279.6	<b>283</b> .3	280.6	281.7	271.4	252.4	248.8	257
District of Columbia	21.1	21.7	22.0	21.4	20.8	19.3	18.5	17.8	17.
Virginia		340.0	346.0	362.7	371.0	366.0	366.2	387.8	401
West Virginia	129.2	133.0	133.2	132.4	131.0	126.5	122.9	123.3	129
legion IV	l l	2,775.7	2.846.2	2,960.4	3,091.5	3,071.2	l		
North Carolina		638.1					3,062.8	3,237.6	3,426
South Carolina		313.7	657.5 319 0	686.1	714.0	713.0	716.2	756.8	796
Georgia				327.3	341.5	340.3	337.2	354.3	374
Florida		431.5	438.9	452.9	477.6	467.1	461.7	476.6	494
Kentucky	207.8	276.1	293.8	311.4	329.2	322.5	322.7	351.3	380
Tennessee	386.6	228.6	234.2	242.9	250.4	255.2	253.3	268.3	288.
Alabama	300.0	424.2	434.8	454.3	469.0	463.8	459.5	489.2	519.
Mississippi	279.2	296.9	300.6	310.0	327.3	327.2	322.7	333.4	350
		166.6	167.4	175.5	182.5	182.1	189.5	207.7	<b>2</b> 21.
legion V		5,499.6	5,476.4	5,547.4	5.686.1	5,369.8	5,127.3	5,243.4	5,580.
Ohio		1,404.4	1,401.4	1,433.5	1,471.0	1,409.9	1,333.8	1,346.8	1,426.
Indiana		719.7	716.0	722.9	752.3	710.2	683.4	709.4	758.
Illinois	1,318.4	1,410.5	1,409.6	1,404.0	1,417.4	1,358.6	1,282.4	1,284.2	1,354.
Michigan	1,102.6	1,169.0	1,138.5	1,162.0	1,193 1	1,071.5	1,049.3	1,097.4	1,178.
Wisconsin	491.9	508.6	508.7	510.3	520.9	500.9	479.6	495.4	531.
Minnesota	261.6	287.4	302.2	314.7	331.4	318.7	298.8	310.2	331.
legion VI	989.7	1,072.0	1,126.7	1,190.5	1,254.5	1,237.4	1,216.0	1,274.3	1 281
Arkansas	135.9	1,072.0	153.4	159.0	1,254.5	168.6	1,210.0	185.2	1,361.
Louisiana	181.1	168.3	176.7	181.9	184.6	179.0	•		200.
Okishoma	103.0	113.3	116.4	121.7	129.9	134.1	177.7	183.2	190.
Texas	572.1	622.1	661.9	709.4	750.2	734.3	132.7	141.1	151.
New Mexico		18.6	18.3	18.5	20.7	734.3   21.4	710.5	738.7	790.
	1	!	!	!		i	22.6	26.1	28.
egion VII		877.8	905.7	919.6	927.9	887 1	855.2	895.1	956.
lowa		212.1	219.3	223.1	225.4	216.0	209.9	222.9	241.
Missouri		448.7	457.4	462.7	465.7	449.4	430.3	441.5	459.
Nebraska	i i	74.7	79.7	82.8	86.2	84.5	82.6	85.0	90.
Kansas	1 1	142.3	149.3	151.0 <sub> </sub>	ب 150 <b>.6</b>	137.2	132.5	145.7	164.
egion VIII	194.0	206.8	2105	217.2	229.5	233.8	238.1 i	253.6	274.
North Dakota	8.7	8.9	8.6	8.9	9.0	9.9	10.2	10.8	12.
South Dakota	13.5	14.3	15.4	15.9	15.9	15.8	16.5	18.4	19.
Montana		22.9	22.4	23.2	24 1	23 9	23 9	24.5	24.
Wyoming		6.8	7.1	6.8	7.4	7.4	7.5	7 9	8
Colorado		102.7	106.1	110.5	118.3	120.8	123 5	131.5	143.
Utah		51.2	50.9	51.9	54.8	56.0 <sup>1</sup>	56 5	60 5	<b>6</b> 5.
agion IX	1 1	1	1		:	i	ı		
Arizona	: 1	1,640.3	1,704.6	1.755.5	1,788.9	1,683.4	1,596 4	1,669 4	1,799
Nevada		77.7	79.1	84 9	94.2 !	912	89.2	98 7	110.
California	1 .	7.1	6.8	7.1	8 2	8.6	8.8	98	11.
		1,531.3	1.594.0	1.639 7	1.661 3	1,558.0	1,473.2	1,536.0	•
Hawari	, ,	24.2	24.7	23 8	25 2	25 6	25.2	24 9 <sub>1</sub>	<b>23</b> .1
agion X		474.6	484 4	505.4	506.2	460.7	438.0	459 8	497.
Idaho		35.6	35.3	37.9	39.9	40.3	41.2	43 6	46
Washington		265.2	277.1	286.9	278 5 i	239 5	214.7	224 1	244.2
Oregon		167.2	165.4	173.7	180 5	172.3	174.3	184 0	196.
Alaska		6.6	6.8	6.9	73	86	7.8	15-5	. 55.6



Table 75. Employees on manufacturing payrolls by region and State, selected years, 1939-82 —Continued

(In thousands)

Region and State	1974	1975	1976	1977	1978	1979	1980	1981	1982
Region I	1,438.3	1,301.2	1,351.5	1,407.2 ,	1,474 9	1,522.9	1,524.6	1,514.9	801.
·	1 405 4	96.3	102.5	105.9	111.3	114.6	113.2	113.5	107
		85.1	94.5	101.4	109.8	116.5	116.6	1166	112
New Hampshire	1		_ ,			50.8	50.9	51 3	49.
Vermont	•	39.5	41.0	43.4	47.7			666.8	70.
Massachusetts		577.8	593.6	621.0	652.1	672.1	674.9		
Rhode Island		112.7	122.9	128 8	134.4	132.6	128.2	127.7	117.
Connecticut	430.9	389.8	397.0	406.7	419.6	436.3	440.8	439.0	416.
Region II	2,400.5	2,169.8	1,195.1	2,226.9	<b>2,268</b> .0		2,226.1	2,204.0	2,089.
New York	1,574.6	1,421.9	1,438.9	1,459.6	1,481.2	1,492.8	1,455.1	1,433.3	1,361.
New Jersey	825.9	747.9	756.2	767.3	786.8	799.2	781.0	770.7	727.
Region III	2,340.8	2,138.6	2,163.2	2,1840	2,229.3	2,259.1	2,182.2	2,141.7	1,957.
Pennsylvania		1334.8	1,335.2	1,341.9	1,367.8	1,386.8	1,328.2	1,299.0	1,167
Delaware		65.7	68.2	67.6	69.0	70.2	70.9	71.0	67.
Maryland	_	230.0	232.4	235.1	241.5	246.9	236.7	231.7	212
		15.5	15.3	14.0	15.0	15.3	15.4	14.5	13
District of Columbia		- 1				413.8	413.8	414.0	397
Virginia		371.5	387.7	400.8	409.4				1
West Virginia	132.1	121.1	124.4	123.8	126.6	126.1	117.2	111.5	98
legion IV		3,076.5	3,276.1	3,412.9	3,552.0	3,630.4	3,551.3	3,588.4	3,359
North Carolina		715.5	756.3	780.9	807.2	826.8	820.0	620.7	781
South Carolina	375.9	339.9	371.0	380.2	391.1	399.5	391.9	389.8	362
Georgia	483.7	439.3	476.3	494.1	515.8	528.5	519.2	524.6	500
Florida	1	339.4	354.0	380.9	415.5	443.6	456.4	. 472.2	458
Kentucky		259.7	273.3	284 9	292.2	297.2	276.2	270.2	246
Tennessee		459.0	486 1	507.5	526.0	524.7	502.7	508.6	468
	1	321.9	340.2	354.3	368.9	374.9	363.1	362.0	337
Alabama Mississippi		201.8	218.9	230.1	235.3	235.2	221.8	220.3	203
			i		E 504.4	E E20.2	E 057 8	4,906.2	3,403
egion V	1	4,918.1	5,098.3	5,306.7	5,504.4	5,520 2	5,057.6		1,10
Ohio		1,267.5	1,295.3	1,344.1	1,377.2	1,382.3	1,264.3	1,232.6	
Indiana	737.2	647.2	685.1	713.2	741.5	733.2	657.0	652.6	583
Illinois	1,345.1	1,199.8	1,215.2	1,241.3	1,276.0	1,271.6	1,208.2	1,134.9	
Michigan	1,114.0	983.7	1,061.7	1,128.4	1,179.6	1,160.2	998.9	979.0	874
Wisconsin	546.1	507.0	519.4	540.4	569.7	591.3	558.0	543.1	490
Minnesota	340.7	312.9	321 6	339.3	360.4	381.6	371.2	364.0	346
Region VI	1,414.0	1,360.6	1,439.2	1,501.3	1,595.6	1,672.2	1,705.9	1,781.6	1,697
Arkansas Arkansas		179 2	195.1	209.3	217.5	217.8	209.1	209.7	19
Louisiana	1	186.2	195.4	203 3	209.5	213.6	214.2	222.1	205
		1		163.0	172.4	184.1	191.3	200.2	163
Oklahoma		815.9	862.3	893.5	962 6	1,021.9	1,056 9	1,115.3	1.060
New Mexico	'	28.6	30.3	32.2		348	34 4	34.3	34
	i	1 005.0	. 0124	249.7	989.3	1,022.7	968.7	947.5	867
legion VII	964 1	885 3		948.7 245.6	252 5	259.8	244.8	1	20
lowa		230.4	•	L	l .	i	437 0	427.5	40
Missouri	i		424.9	439.6	456.8	464.4	_		1
Nebraska		85.4 164.2	87.9 166.6	90 6 172.9	94.1	99.6 198.9	96 4 190 5	94 9 188 6	! 80 } 160
Kansas	į	1		•	!	i		:	1
legion VIII	1	271 1	285.7	300.1	325.0	348 7	343.6	3501	: 33°
North Dakota			16 2	15.3	15.7	16.7	15.6	15.3	,
South Dakota			22 2	234	24.9	27.5	26 1	25 9	2!
Montana	24.5		23.7	25 1	1	27.0	24 2	23.2	2
Wyoming	84	8.3	8.4	90	9.6	10.1		9.9	i !
Colorado	146.6	137.2		1528	168.2	180.6	180.4	186.2	18
Utah	70.4	67 5	70.7	74.5	80.3	86.8	87 7	89 6	8
legion IX	1,8420	i 1,722.6	1,792.9	1,880 5	2,043.6	2,1902	2,205.4	2,226.4	2,12
Arizona	1129	99 8				•	154 4	160.6	15
Nevada	123	12.2		15.1	17.8	194	:	20.1	, 18
	1,694 1		1.650 9	1,728 3	1.875.2	2,002.7	2,007.8	2.022 7	1,92
Hawaii	22 7		•			-	24 0	23 0	1 .
		•		531 1	:	609 1	; ; 590 5	5707	! 53
legion X	508.3		503 4					52.7	; 4
Idaho	48.0	47.8	52 0	54 1	58.1	58 3			•
Washington		244.0	· 247 4	260 0	284 7	309.6	!	_	,
			400.7	206.4	2101	228 5	' 215 1	202 7	18
Oregon	. 1968	182 1	193 7	206 1	219 1			120	· 1

<sup>&</sup>lt;sup>1</sup> Beginning with this year, data are based on the 1972 *Standard Industrial Classification Manual* 

NOTE Dash indicates data are not available. Data are based on the 1972 SIC Manual unless otherwise noted.



Beginning in 1960, data include Hawaii

<sup>&</sup>lt;sup>1</sup>Beginning in 1960, data include Alaska

Table 76. Employees on government payrolls by region and State, selected years, 1939-82 [in thousands]

Region and State	1939	1945	1950	1955	1960	1961	1962	1963	1964
Region	296.9	389.3	070.0		470.0	400.0	407.0	544.0	
Maine			378.9	414.4		486.8	497.8	511.6	526.
New Hampshire	29.7 21.9	48.4	37.2	41.9		49.5	50.3	51.5	52.
		20.5	21.9	19.6	1	26.4	27.0	28.0	29.
Vermont	9.5	13.3	13.7	15.0	1	17.8	18.2	18.9	19.
Massachusetts	159.9	212.4	208.1	221.3		255.5	261.7	267.5	272.
Rhode Island	24.1	39.6	31.9	36.8	40.1	41.2	47.8	42.4	43.
Connecticut	51.8	55.1	<b>66</b> .1	79.8	93.7	96.4	98.7	103.3	109.
egion	575.7	843.0	822.7	941.7	1,079.8	1,103.9	1,138.5	1,169.3	1,204.
New York	453.1	661.3	651.7	735.3	837.7	850.3	875.7	897.2	924.
New Jersey	122.3	181.7	171.0	206.4	242.1	253.6	262.8	272.1	280.
egion III <sup>3</sup>	618.9				1	, i			1
Pennsylvania	286.8	978.4	895.6	1,018.5	1	1,125.6	1,165.3	1,200.7	1,234.
Palauras		390.6	338.7	396.1	436.1	451.0	485.1	474.8	488.
Delewere	8.3	9.8	10.6	14.8	18.7	19.4	20.9	22.6	23.
Maryland <sup>3</sup>	57.1	88.6	97.2	123.6	142.8	151.2	159.4	166.0	174.
District of Columbia 4	143.8	270.2	246.8	251.7	228.7	232.9	240.8	249.5	251.
Virginia <sup>a</sup>	81.8	166.4	142.8	171.0	191.1	199.6	207.7	215.7	221.
West Virginia	41.1	52.8	59.5	61.3	67.5	71.5	71.4	72.1	75.
gion IV	480.4	768.2	769.2	955.8	1,170.7	1 216 7	1,262.5	12111	1 202
North Caroline	e3.0	104.2	111.6	137.3	164.2	1,216.7 171.0	•	1,311.1	1,333.
South Carolina	43.6	81.7			1 - 1	_	178.8	185.6	192.
Georgia			64.2	82.4	96.2	98.3	99.5	103.1	106.
	69.3	131.7	120.6	149.6	186.1	191.9	197.2	204.0	210.
Florida	59.5	125.5	119.2	157.4	220.5	232.3	247.4	262.5	278.
Kentucky	62.2	70.6	79.9	100.1	110.1	114.6	120.2	125.2	128.
Termeesee	66.5	93.0	111.2	128.1	146.3	151.9	157.4	163.5	173.
Alebeme	60.9	101.5	98.2	130.0	159.8	165.9	167.8	170.0	173.
Mississippi	49.4	60.0	64.3	70.9	87.5	90.8	94.2	97.2	99.
gion V	857.7	1,099.9	1.205.1	1,380.3	1,650.0				
Chio	201.8	•	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •		1,701.3	1,751.9	1,813.5	1,877.
		280.1	294.8	344.1	399.2	412.5	424.2	431.7	440.
Indiana	96.5	126.7	138.0	157.6	188.5	194.0	201.3	209.7	219.
Minois	215.1	294.6	*314.3	365.1	416.9	433.8	447.0	459.3	475.
Michigan	144.3	194.0	222.4	254.1	332.7	<b>336</b> .9	342.6	359.3	372.
Wisconsin	100.9	108.6	120.3	131.0	163.2	170.4	174.6	181.7	190.
Minnesota	99.1	95.9	•115.3	128.4	149.5	153.7	162.2	171.8	179.
gion VI	346.8	559.7	568.9	701.6	834.6	860.0	890.4	918.8	948.
Arkenses	40.9	55.1	51.5	57.9					
Louisiana	70.1				70.2	72.9	76.1	74.6	76.
		97.4	102.0	122.8	145.2	150.3	154.4	158.3	163.4
Oklahoma	62.7	93.0	91.7	115.6	124.7	127.0	131.0	134.9	136.9
Texas	153.3	285.7	290.2	357.7	431.0	444.5	461.2	480.7	500.0
New Mexico	19.8	28.5	33.5	46.4	63.5	65.3	67.7	70.3	71.8
gion VII	306.4	380.4	395,1	441.2	502.4	515.0	527.7	540.7	559.0
lowe	75.0	86.9	100.5	103.4	117.2	122.3	125.4	129.5	133.
Missouri	113.0	141.4	151.4	168.6	190.3	192.7	198.0	202.9	210.6
Nebraska	54.4	67.7	63.3	74.2	80.8	83.6	85.4	87.7	89.
Kaneas	64.0	84.4	79.9	95.0	114.1	116.4	118.9	120.6	126.2
,					'''	(	110.5		120.4
gion VIII	141.3	199.1	208.4	247.1	303.6	318.4	332.1	346.4	358.2
North Dakota	18.1	20.8	24.5	26.4	31.5	32.3	33.9	36.4	38.
South Dekota	25.6	27.3	28.4	31.8	38.9	40.2	42.2	43.0	44.4
Montana	25.0	25.3	28.3	30.9	38.5	40.0	41.1	43.0	44.7
Wyoming	11.1	13.0	15.7	18.1	21.3	22.5	22.8	23.8	24.5
Colorado	41.2	59.5	67.4	88.2	111.1	118.3	123.5	128.6	132.0
Utah	20.3	53.2	44.1	53.7	62.3	65.1	68.6	71.6	73.7
·		i			1 1	1	ŀ		
gion IX	275.7	578.0	578.7	739.8	1,010.3	1,063.5	1,113.7	1,160.3	1,209.6
Artzone	19.0	32.9	34.6	45.0	68.0	72.6	77.7	81.6	85.3
Nevada	6.4	11.4	10.8	13.6	18.8	20.2	22.0	24.2	26.4
California	250.3	533.7	533.3	681.2	874.0	920.3	962.8	1,001.6	1,043.5
Hawaii	-	-	_	_	49.5	50.4	51.2	52.9	54.4
gion X	1210	222 5	2224	gre o	1 1			I	
	131.9	233.5	222.4	256.9	7317.1	328.5	340.2	352.7	362.1
Idaho	18.2	25.2	24.9	26.4	32.7	34.4	36.4	37.8	38.1
Washington	72.5	157.3	133.7	155.6	166.6	170.1	175.4	179.9	184.6
Oregon	41.2	51.0	63.8	74.9	95.3	100.2	103.4	107 9	111.3
Alaska	_		_	_	22.5	23.8	25.0	27.1	28.1





## Table 76. Employees on government payrolls by region and State, selected years, 1939-82 —Continued

[In thousands]

Region and State	1965	1966	1967	1968	1969	1970	1971	1972	197
tegion I	545.2	567.4	<b>5</b> 95.0	614.2	638.6	661.3	682.1	703.9	71
Maine		57.4	59.5	ช1.6	84.3	66.4	68.7	69 4	7
New Hampshire	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	31.4	33.4	34.4	35.5	37.3	38.8	41.2	4
Vermont		21.2	22.3	23.4	24.4	128.2	27.2	28.2	2
Massachusetts		286.2	297.1	302.5	310.7	319.9	330.6	343.1	35
Rhode Island		48.7	51,2	52.3	52.8	53.6	55.9	56.8	5
Connecticut		122.5	131.5	140.0	150.9	157.9	160.9	165.2	16
		i					1	1.649.2	1.68
legion II	1	1,324.4	1,402.3	1,468.2	1,536.1	1,592.9	1,627.8	1,243.9	1,26
New York		1,012.4	1,073.1	1,123.8	1,178.0	1,218.1	1,239.8		41
New Jersey	295.4	312.0	329.2	344.4	360.1	374.8	388.0	405.3	41
egion III <sup>2</sup>	1,293.8	1,378.	1,453.9	1,492.8	1,526.3	1,655.4	1,707.5	1,757.5	1,79
Pennsylvania		538.1	567.2	588.1	609.4	618.7	629.2	651.9	6
Delaware		26.3	27.9	29.3	31.9	35.0	38.8	39.0	;
Maryland 3		201.9	218.2	232.3	243.2	301.0	314.9	327.0	33
District of Columbia 4		274.6	278.0	264.6	254.4	249.7	258.7	260.2	2
Virginia 3		251.2	270.5	283.6	292.4	355.1	371.9	380.0	3
West Virginia	1	88.5	92.1	94.9	95.0	95.9	98.0	99.4	11
•					1 772 1	1 949 6	1 012 5	1 080 1	2,0
igion IV	1	1,554.9	1,640.9	1,713.5	1,772.1	1,848.6	1,913.5	1,989.1	'
North Carolina	1	217.4	231.8	244.4	254.3	264.2	268.4	275.3	2
South Carolina		121.0	128.4	134.0	140.8	149.9	156.7	185.6	l
Georgia		243.9	263.0	275.3	286.1	297.5	309.6	320.9	3
Florida	I	326.2	342.3	381.8	377.9	397.8	419.1	437.9	4
Kentucky		145.2	155.5	163.3	166.1	172.6	180.5	188.5	1
Tennessee	185.1	195.3	201.8	208.2	214.2	225.9	231.9	240.6	2
Alabama	179.1	191.6	197.7	201.4	204.7	209.5	213.6	220.9	2
Mississippi	105.2	114.3	120.6	125.1	128.0	131.2	133.7	139.4	1
gion V	1,979.0	2,122.7	2,251.6	2,337.6	2,414.4	2,497.1	2,540.7	2,593.6	2,6
Ohio	1	483.0	509.5	528.3	544.8	565.5	577.2	589.1	5
Indiana	1 1111	254.1	271.4	285.3	280.9	286.4	296.3	301.4	3
Illinois		536.5	572.0	593.4	815.8	638.9	648.6	654.3	. €
Michigan		432.3	454.3	470.6	493.7	505.9	508.7	• 528.8	5
Wisconsin	1	215.2	230.3	244.6	255.3	265.5	270.2	275.8	2
Minnesota		201.8	214.1	215.4	224.1	234.9	239.7	246.2	2
	İ			1	1		1,276.4	1,332.1	1,3
egion VI		1,083.9	1,149.5	1,185.8	1,222.3	1,244.1		-	1,5
Arkansas	i i	91.6	93.4	97.0	100.9	102.7	104.9	106.5	2
Louisiana	1	185.4	197.4	201.8	208.2	213.2	218.0	227.9	
Oklahoma		158.8	168.2	171.9	175.5	176.7	179.0	184.9	1
Texas	525.6	567.1	607.1	630.1	851.4	662.3	684.2	714.8	7
New Mexico	75.4	81.0	83.4	85.0	86.3	89.2	92.3	96.0	ļ
agion VII	586.9	623.8	658.2	876.3	698.3	718.1	735.4	754.8	7
lowa		148.8	157.1	163.8	171.7	176.0	178.3	180.2	1
Missouri	!	244.7	260.3	269.1	276.1	284.1	292.9	297.5	3
Nebraska	1	93.3	197.8	97.4	100.9	104.7	109.1	114.3	1
Kansas		137.0	143.2	146.0	149.6	153.3	155.1	162.8	1
	1	1	İ.,	İ	1	<b>[</b>	473.5	487.2	4
egion VIII		404.2	429 6	440.1	448.1	460.7	i _	i	"
North Dakota	i i	42.1	44.4	47.2	48.4	49.3	49.3	51.3	1
South Dakota	46.6	48.2	49.3	50.3	53.0	53.1	52.6	53.7	1
Montana		48.1	51.8	53.3	52.1	52.6	54.3	55.4	
Wyoming	25.6	26.9	28.4	28.1	2R.1	28.4	29.4	30.5	١.
Colorado	137.7	148.2	157.7	182.4	166.9	177.2	184.7	190.8	
Utah		90.7	98.0	98.8	99.6	100.1	103.2	105.5	1
agion IX	1,284.0	1,388.5	1,477.6	1,549.0	1,812.0	1,654.8	1,892.1	1,751.0	1,7
Arizona		98.9	104.7	110.0	113.4	119.5	129.5	139.2	1
Nevada		30.3	32.3	34.1	35.8	38.9	38.1	39.7	
California	1	1,191.7	1,274.3	1,335.8	1,391.7	1,424.7	1,446.3	1,492.7	1,5
Hawaii		6	66.3	89.1	71.1	73.7	78.2	79.4	
	ı	1	1		i		l	1	-
egion X		404.2	427.0	443.6	458.3	475.9	493.6	511.2	5
Idaho	1	41.9	44.3	45.2	48.8	49.1	51.3	54.5	١.
Washington		206.2	218.5	230.1	237 4	244.5	252.4	258.7	1 3
Oregon	118.2 29.7	125.3	132 4	136.1	140.8	148.7	152.0	157.5	1
		1	1		1		1	40.5	1



## Table 76. Employees on government payrolls by region and State, selected years, 1939-82—Continued

[In thousands]

Region and State	1974	1975	1976	1977	1978	1979	1980	1981	1982
legion I	728.2	750 7	700.0	007.5	600:				
Maine	/20.2	753.7	763.9	807.5	839.1	830.8	832.3	802.9	410
New Hampehire	72.9	74.8	75.2	77.7	; 81.5	82.6	83.3	62.6	: 81
New Hampshire		48.0	49.9	53.8	54.3	55.1	57.3	56 7	55
Vermont	29.3	30.5	30.9	34.3	35.1	35.8	37.0	36.2	35
Massachusetts		365.1	375 8	407.9	429.2	416.7	410.3	386.5	
Rhode Island	55.1	56.6	57.0	58.2	59.8	59.3	59.2	58.5	57
Connecticut	171.0	178.7	175.1	175.6	179.2	181.3	185.2	182.4	179
	<b>I</b>			1		, ,,,,	.00.2	102.4	170
legion II	1,741.8	1,798.9	1,754.1	1,774.8	1,838.1	1,829.1	1,844.1	1,829.3	1.815
New York.	1,301.9	1,328.7	1,273.6	1,270.8	1,315.1	1,311.3	1,314.4	1,300.3	1,289
New Jersey	439.9	470.2	480.5	504.0	523.0	517.8	529.7	529.0	525
egion III	1.847.8	4 000 4	4 050 0		}			1	i
Pennsylvania		1,928.4	1,956.9	1,970.6	2,050	2,091.9	2,129.8	2,073.8	2,006
Dolowero	682.0	721.4	722.1	710.9	720.7	720.7	723.3	703.4	680
Delaware		40.3	40.6	41.4	42.8	44.4	45.2	44.5	43
Maryland	349.1	386.1	372.1	378.1	401.9	418.7	434.8	415.9	393
District of Columbia	265.3	269.7	275.9	275.6	281.6	284.5	282.2	273.2	261
Virginia	405.9	422.8	436.6	453.6	482.7	493.5	511.2	506.6	501
West Virginia	106.4	108.1	109.6	111.0	120.3	130.1			
					120.5	130.1	133.1	130.2	126
egion IV	2,176.8	2,309.5	2,365.3	2,464.4	2,613.5	2,673.3	2,734.3	2,701.1	2,676
North Carolina	303.2	328.2	347.9	367.6	386.4	397.2	409.9	403.7	398
South Carolina	182.2	199.8	203.3	213.7	223.8	228.8	236.4	233.0	229
Georgia		354.8	366.1	384.0	407.9	418.7	-7:12		
Florida	510.5	546.0	542.8	565.7			429.2	431.1	434
Kentucky	198.5	208.3	1 7 7	7 7 7 7 7 7	601.8	600.5	618.8	620.1	627
Tennessee	056.4		213.0	212.0	220.3	230.4	230 9	224.3	221
Alahama	256.4	271.3	283.1	291.2	305.6	313.9	317.2	311.7	295
Alabama	235.1	247.5	252.9	<b>26</b> 6.3	285.9	291.6	297.4	291.3	290
Mississippi	150.4	153.5	158.2	163.9	181.8	192.2	194.5	185.9	179
gion V	2,705.2	0.004.4	00440						
Ohia	2,705.2	2,804.1	2,841.0	2,872.2	2,947.0	2,991.5	3,052.3	2,999.3	2,174
Ohio	613.1	626.4	632.2	642.3	667.5	674.0	689.9	676.0	658
Indiana	308.0	323.3	332.5	342.0	349.1	347.6	346.6	339.7	328
Illinois	680.9	714.5	717.2	717.8	728.0	743.2	768.3	767.2	OEU
Michigan	562.5	583.1	594.5	596.7	611.4	621.0			£70
Wisconsin	276.9	285.4					627.8	598.4	579
Minnesota	263.8	271.4	288.6 276.9	287.1	298.2	310.1	321.1	319.0	319
		2/1.7	2/0.9	286.3	292.8	295.6	300.6	299.0	288
gion VI		1.496.5	1,540.3	1,584,9	1,674.9	1,726.5	1,773.5	1,804.2	1,829
Arkansas	115.6	120.9	125.3	128.6	135.9	139.1	141.1	138.1	136
Louisiana	241.6	248.7	253.0	257.4	280.3				_ = = =
Okiahoma	199.0	206.3				289.7	300.8	303.8	306
Texas	7760		207.0	212.4	218.4	224.0	228.5	235.7	237
New Mexico	776.0	815.8	847.0	875.5	923.7	953.2	978.1	1,000.8	1,023
TOW MORIOO	1) 1)2.5	104.8	108.0	111.0	116.6	120.5	125.0	125.8	125
noe VII					· · · · · · · · · · · · · · · · · · ·	1		f	
gion VII	785.0	801.4	809.4	830.1	854.1	856.9	864.8	845.3	841
lowa	186.7	192.0	197.0	202.5	208.2	204.5	207.4	203.1	202
Missouri		316.0	316.5	321.5	335.6	338.5	339.2	326.6	324
Nebraska	121.4	124.7	124.3	129.2	130.3	130.6	130.8	129.7	128
Kansas	164.0	168.7	171.6	176.9	180.0	183.3	187.4		
	,			.,0.5	100.0	103.3	107.4	185.9	186
ion VIII	511.0	536.5	545.6	559.0	583.9	591.8	601.3	598.9	593
North Dakota	53.3	54.5	56.2	57.5	60.0	60.6	60.9	60.5	60
South Dakota	54.0	55.7							
Montana	58.2	64.9	55.9	56.5	58.1	58.3	58.6	57.8	56
Wyoming			65.7	70.0	71.7	70.1	70.2	69.3	67
Colorado	32.4	34.5	36.1	38.0	39.1	40.8	43.0	44.5	44
Litah	204.0	216.6	219.5	221.1	234.0	238.8	243.6	241.7	238
Utah	108.2	110.3	112.2	115.8	121.0	123.2	125.0	125.1	126
ion IX	1,868.8	10870	20045	20575	0.007.0	0.070		1	
Arizona		1,967.9	2,004.5	2,057.5	2,087.2	2,072.4	2,111.7	2,102.2	2,082
	161.0	169.7	177.3	181 9	194.8	196.2	201.8	199.5	201
	43.0	45.6	46.8	49.2	52.2	54.7	57.0	57.1	58
California		1,670.6	1,695.6	1,740.7	1,753.1	1,735.0	1,763.9	1,756.6	1.733
Hawaii	78.8	82.0	84.8	85.7	87.1	86.5	89.0	890	90.
non X					1	ł	1	1	
		567.6	579.1	599.1	626.5	640.2	659.5	655.4	643.
	59.7	62.3	64.5	67.3	69.8	69.6	70.5	69.2	67.
Washington	269.3	280.5	284.8	294.9	308.0	315.5	330.8	326.4	319.
Oregon	168.5	177.1	181.6	186.9	197.1	200.7	203.2	202.6	195.
Alaska		47.7	48.2	50.1	51.6	54.4	55.0	57.2	61.2

<sup>&</sup>lt;sup>1</sup> Data are not strictly comparable with prior years.

sectors of the Washington, D.C., SMSA is not included in data for the District of Columbia.



179 1.11

<sup>&</sup>lt;sup>2</sup> For the years 1956-69, Federal employment in the Maryland and Virginia sectors of the Washington, D.C., SMSA is not included in data for Maryland, Virginia, or the District of Columbia.

Prior to 1970. Federal employment in the Maryland and Virginia sectors of the Washington, D.C., SMSA is not included in data for Maryland and Virginia

<sup>\*</sup>Beginning in 1956. Federal employment in the Maryland and Virginia

<sup>&</sup>lt;sup>6</sup> Beginning with this year, data are based on the 1972 Standard Industrial Classification Manual.

<sup>&</sup>lt;sup>6</sup> Beginning in 1960, data include Hawaii.

<sup>&</sup>lt;sup>1</sup> Beginning in 1960, data include Alaska.

NOTE: Dash indicates data are not available. Data are based on the 1972 SIC Manual unless otherwise noted.

Table 77. Labor turnover rates of employees on manufacturing payrolls, selected years, 1930-81 [Per 100 employees]

į	Accession	rates	\$	paration rates	
Year	Total	New hires	Total	Ouits	Layoffs
	3.8	_	5.9	1.9	
0	5.1	_ i	4.3	1.1	
5	5.4		4.0	3 1.1	
<u> </u>	7.7	_ i	9.6	6.1	
5	5.3		4.1	2.3	
0		3.0	3.9	1.9	
5	4.5	3.0	3.8	,	
0	3.8	2.2	4.3	1.3	
1	4.1	2.2 }	4.0	1.2	
2	4.1	2.5	4.1	1.4	
3	3.9	2.4	3.9	1.4	
4	4.0	2.6	3.9	1.5	
		2.4	4.1	1.9	
5	4.3	3.1	4.6	2.6	
6	5.0	3.8	4.6	2.3	
7	4.4	3.3		2.5	
8	4.6	3.5	4.6	2.7	
9	4.7	3.7	4.9	2.7	
0	4.0	2.8	4.8	2.1	
1	3.9	2.6	4.2	1.8	
22	4.5	3.3	4.3	2.3	
	4.8	3.9	4.7	2.8	
3	4.2	3.2	4.9	2.4	
/4	7.6				
75	3.7	2.0	4.2	1.4	
76	3.9	2.6	3.8	1.7	
77	4.0	2.8	3.8	1.8	
78	4.1	3.1	3.9	2.1	
79.	4.0	2.9	4.0	2.0	
		_		4.5	
30	3.5	2.1	4.0	1.5	
31	3.2	2.0	3.6	1.3	

Ouits include miscellaneous separations prior to 1940.

Note Data include Alaska and Hawaii beginning in 1959. Annual rates

are averages of 12 monthly observations. Dash indicates data are not available. Series discontinued with 1981 data.



Table 78. Subor turnover rates of employees on manufacturing payrolls by major industry group, 1958-81

						Durab	le goods				
Category and year	Total	Lumber and wood prod- ucts	Furni- ture and fixtures	Stone, clay, and glass prod- ucts	Primary metal indus- tries	Fabri- cated metal prod- ucts	Machin- ery, except electrical	Electric and elec- tronic equip- ment	Transpor- tation equipment	Instruments and related products	Miscella- neous manufactur ing industries
ACCESSIONS											
Total							i		1		
958		5.3	3.8	3.6	2.8	3.8	28	3.3	4.2	2.0	4.
959 ¹	4.2	6.1	4.5	4.0	3.1	47	3.6	4.0	4.8	2.9	5.
)60	0.5	5.0	0.0								
961	3.5 3.9	5.3 5.8	3.9 4.1	3.4 3.7	2.4 3.4	3.9 4.4	2.9	3.2	4.4	2.4	5.
62	3.8	6.1	4.5	3.7 3.8	2.8	4.1	3.1 3.0	3.6 3.6	4.7	2.8 2.7	5. 5.
63	3.6	6.2	4.4	3.8	3.0	4.0	2.8	3.1	4.0	2.8	5
64	3.7	5.8	4.8	3.8	3.0	4.2	3.0	3.3	4.1	2.8	5.
		1					1		1		
65	4.1	6.6	5.5	4.0	2.9	4.6	3.3	3.9	4.7	3.2	6
66	4.8	7.4	6.6	4.5	3.7	5.3	3.9	4.7	5.3	3.8	6
67 68	4.1 ∢.3	7.2 7.2	5.8 8.3	4.5	3.1	4.9	3.1	3.6	4.3	3.1	5
69	4.4	7.2 6.9	6.4	4.8 5.0	3.6 4.0	5.2 5.3	3.2 3.6	3.7 <b>4</b> .0	4.4 4.2	3.1 3.3	6
	7.7	. 0.0	J. <b>-</b>	5.0	<b>→.</b> ∪	5.3	3.0	4.0	4.2	3.3	0.
70	3.5	5.8	4.9	4.3	3.1	4.2	2.6	3.1	3.8	2.6	5.
71	3.5	6.2	5.3	4.0	3.2	3.9	2.4	2.9	3.7	2.6	5.
72	4.1	6.7	6.3	4.7	3.4	4.4	3.2	3.6	3.8	3.3	6
73	4.5	7.1	6.9	5.1	3.5	4.9	3.6	4.2	3.7	3.6	8
74	3.8	5.9	5.6	4.3	2.9	4.3	3.2	3.2	3.8	3.1	5.
75	3.3	5.8	5.0	3.8	2.7	3.7	2.2	2.7	3.3	2. <b>2</b>	5.
76	3.6	€.1	5.4	4.0	3.0	3.8	2.6	3.2	3.4	2.2	5. 5.
77	3.7	6.3	5.8	4.5	3.0	4.0	2.9	, 3.3	3.5	2.7	š.
78		6.1	5.8	4.1	2.9	4.1	3.0	3.5	3.6	2.8	5.
79	3.6	5.5	5.1	4.1	2.6	4.0	2.9	3.4	3.4	2.9	5.
80	2.1	!		2.0							
81	3.1 2.9	4.9 4.4	3.9 3.7	3.6 } 3.4 .	3.0 i 2.6 i	3.6 3.2	2.4 2.3	2.7 2.6	3.3	2.5	4.
	2.9	••.••	3.7	3,4	2.0	3.2	2.3	2.0	2.8	2.2	4.
New hires	•		;								
58	1.5	3.2	2.2	1.7	0.6	1.7	1.1	1.5	1.4	1.2	2.
	2.5	4.7	3.4	2.6	17	2.7	2.3	2.6	1.8	2.3	3.
60	1.9	3.8	20	20.		0.4	4 7				•
61	1.9	3.6 } 3.7 ·		2.0 1.8	.8 · .9 ,		1.7	2.0 2.1	1.7 1.6	1.7 1.7	3.4 3.1
62	23	4.4		2.2	1.1			2.1	2.1	2.0	3. 3.
63	21.			2.3	1.2			1.9	1.9	1.9	3.
<b>64</b>		4.6		24	1.8	2.9	1	2.1	2.2	1.9	3.
35	3.0			'	i 0.0						
86	3.0 3.8 :	5.3 ± 6.4	46 <sup>-</sup> 59 <sup>†</sup>	27 ! 35 :	20± 2.7±		2.6	2.9	2.8	2.6	4.
67	30	5.9	4.7			4.3 3.7	3.3	3.8 2.5	3.4 2.7	3.4 2.7	5. 4.
58	3 2	62	5.6	37		4.2		2.7	2.8	2.6	4.
	3 4	6.0		4.1	3.0			3.1	2.7	2.8	5.
				:	•	'	4	!			
70	23	4 7	3 9	3.1	1 9	3.1	17	2.0	1	1.9	4.
71	2 2 3 0	50 · 58		2.8	15	26	14	1.6	1	1.8	4.
73	37	6.2	56 63	36 43	1.9 2.8	33 42	24 31	26 ' 34	2.2 2.6	2.6   3 1	5.I 5.:
74	29	4.9	48	3.4	22	3.4		24.		2.6	5. 4.1
											•
75 . 76	16	38	3 1	20	8	19	12	11.		1.4	3.
76 77	23	49	42	25	12	26	17	20.		2.0	4
78	26 28	5 2 5 1	46 52	29 31	1 6 1 8	29 32	21	22 26	21	2.1	3
79 .	27	45	43	30,	17	31	24 24	26 25	22 : 2.0 ,	24	4 : 4.:
				30	1,	J 1	24	2 3	2.0	24	4.,
80	18	29	28	19	9	20	16	17.	13	20	2 9



## Table 78. Labor turnover rates of employes on manufacturing payrolls by major industry group, 1958-81—Continued

[Fer 100 employees]

l						Durable	goods				
Category and year	Total	Lumber and wood prod- ucts	Furni- ture and fixtures	Stone, clay, and glass prod- ucts	Primary metai indus- tries	Fabricated metal products	Machin- ery, except electrical	Electric and elec- tronic equip- ment	Transpor- tation equipment	Instruments and related products	Miscella- neous manufactur- ing industries
SEPARATIONS						İ					
Total					1 1			1   i			_
	4.1	5.5	4.2	3.9	3.4	4.4	3.6	3.5	5.3	2.5	5. 5.
958 959 <sup>1</sup>	4.0	6.0	4.4	3.8	2.5	4.7	3.1	3.2	5.5	2.4	
· · · · · · · · · · · · · · · · · · ·	4.3	6.8	4.6	4.1	4.0	4.8	3.5	3.5	5.2	2.7	5.
960	3.9	6.0	4.3	3.6	2.8	4.6	3.2	3.3	5.0	2.5	5.
961 962	3.8	6.3	4.6	4.1	3.3	4.2	2.8	3.3	4.6	2.6	6. 5.
963	3.6	6.2	4.4	3.8	2.6	4.0	2.7	3.4	4.1	2.7	5.
964	3.6	6.2	4.6	3.7	2.3	4.1	2.6	3.2	4.1	2.7	!
1		1	5.1	3.9	3.0	4.2	2.8	3.1	4.3	2.7	5.
19€5	3.8	6.7	6.3	4.6	3.2	5.1	3.4	3.8	4 9	3.1	6.
1966	4.4	8.0 7.4	5.8	4.7	3.4	5.0	3.3	4.0	4.7	3.0	6.
1967	4.3 4.4	7.4	6.0	4.6	3.7	5.1	3.4	3.8	4.6	3.0	6.
1968	4.6	7.5	6.5	3.0	3.8	5.4	3.5	4.0	5.0	3.4	6.
1969		ļ	1	1	4.*	, 5.1	3.7	4.4	5.5	3.4	6.
1970	4.7	6.7	5.7	4.8	3.9	4.2	2.9	1	4.3	2.7	5.
1971	3.9	5.9	5.2	4.2	2.8	4.1	2.8		3.8	2.8	6.
1972	3.8	6.5	5.9	4.9	3.1	4.6	3.0	1	3.7	3.1	6
1973	4.2	7.3	6.9	5.2		5.0	3.2		4.8	3.2	6
1974	4.5	7.6	6.9	1		}	3.1	1	4.1	2.6	5
1975	4.0	5.9	5.3	4.6	,	4.4	2.5	1	3 1	2.4	5
1976	3.3	5.8	5.3	3.9	1	3.6	2.5	1	3.1	2.4	5
1977		6.0	5.2	4.1	!	3.7	1	1	3.0		5
1978		5.9	5.7	4.0		4.1	2.3	1	3.6		5
1979	3.6	6.1	5.3	4.2	1		1		4.2	2.4	5
1980	3.8	5.9	4.5	4.3		4.3	4	!	3.6	1	1
1981		5.7	4.1	4.1	3.4	3.8	2.6	2.9	1 3.0		1
	}	İ							i	1	İ
Quits						1 0	0.7	1.0	0.9	ა. ა. ა. ა. ა. ა. ა. ა. ა. ა. ა. ა. ა. ა	1
1958	0.8	1	1.3			i			1	1	1
1959 1	. 1.3	2.9	1.9	1.4	ļ	<b>!</b>			1 -	1.1	1
1960	. 1.1	2.6	1.7			1	,	1	1 -	·   _	
1961	1	2.1	1.5			1		- i		1	
1962		2.7	2.1	L.				٠ (	-{	`   _	1
1963		3.0	1	1	1 _		1 .				
1964		3.1	2.4	1.3	9.	1.5					
1965	. 1.7	3.8	3.1	1.7	7 1.2	1		- 1		1	1 .
1966	1		4.3	2.4	4   1.7		i	_	1	'!	
1967	1		3 3.7	1 .	. !		1	·		1	1 .
1968		2 4.7	7 4.1	2.0		1 _		1	1	1	١.
1969	. 2.9	5 5.0	) 4.5	5   3.0	0 2.0	)   3.1	1 1.9	1			
1970		в 3.7	7 3.2	2 2.	3 1.4	1 2.1		1	1		. i
1971		- '		) [ 1.5	9   1.0	) <sup>1</sup> 1.0	1		_ 1	· .	7 1
1972	·· <sub>1</sub>	_		) 2.	4 1.1	1 2.			. 1	- :	• :
1973	. 2.	·		3 3.	0 1.6		i .		1	. i	1
1974			_ ' .	1 2.	5 1.4	1 2.	4 1.	6   1.9	1		1
	1	. İ		1 1.	4 .6	3 1.	2	9 .9	4	. 1	į.
1975		i .	~ ( _	1 .		7   1.	_ '	0 i.i			- 1
1976	1. 1.	. 1	- 1 .	- !	II .		7 1.	.1   1.0			_
1977	1.	- t _		_ i	_	- 1	1 1.	3 1.1	_ 1	2 i 1	l l
1978		- 1	- 1	. i		- 1 -	0   1	4   1.	7   1.	<b>†</b>	• !
1979 1980		l _	_	<sup>-</sup>   .	-	в 1.	4 1	.0 1.	2 .	g   1.	
	.   1.										1 !



Table 78. Labor turnover rates of employees on manufacturing payrolis by major industry group, 1958-81—Continued

						Durabl	e goods				
Category and year	Total	Lumber and wood prod- ucts	Furni- ture and fixtures	Stone, clay, and glass prod- ucts	Primary metal indus- tries	Fabricated metal products	Machin- ery, except electrical	Electric and elec- tronic equip- ment	Transpor- tation equipment	Instruments and related products	Miscella- neous manufactur- ing industries
Layoffs											
1958	2.7	2.6	2.4	2.4	2.6	3.0	2.5	2.1	3.9	1.3	3.4
1959 1	2.0	2.1	1.8	1.8	1.1	2.6	1.4	1.2	3.8	.6	2.7
1960	2.5	3.1	2.1	2.4	2.9	3.0	1.9	1.6	3.6	1.1	3.2
1961	2.2	2.8	2.1	22	1.7	2.9	1.7	1.4	3.6	9	3.2
962'	1.9	2.4	1.8	2.2	2.1	2.2	1.2	1.1	2.8	.7	3.1
963	1.7	2.0	1.6	1.9	1.5	2.3	1.1	1.4	2.4	.9	2.9
964	1.5	1.9	1.3	1.7	8.	1.8	.8	1.2	2.3	.9	2.8
1965	1.2	1.7	1.0	1.5	1.0	14	.6	.8	2.2	.6	2.3
966	1.0	1.6	.8	1.3	.6	12	.5	.5	2.1	.4	2.1
967	1.3	1.5	1,1	1.5	1.0	1.5	.8	1.1	22	.5	2.1
968	1.1	1.2	.8	1.1	1.1	1.3	.8	.8	1.9	.5	1.8
969	1.1	1.2	.7	1.0	.6	1.2	.6	.8	2.1	.5	2.0
970	2.0	1.8	1.4	1.6	1.6	1.8	1.8	1.7	3.3	1.1	2.6
971	1.6	1.3	1.1	1.5	2.0	1.7	1.2	1.2	2.4	.8	2.1
972	1.0	1.0	.7	1.1	.7	1.1	.6	.7	1.7	.5	1.8
973	.8	1.2	.7	.9	.4	.9	.4	.5	1.3	.4	1.8
974	1.5	2.3	1.6	1.7	.9	1.8	.6	1.3	2.5	.6	2.3
975	2.1	2.4	2.3	2.4	2.5	2.4	1.5	1.8	2.5	1.0	3.0
976	1.1	1.4	1.2	1.5	1.3	1.3	.8	j .9	1.3	.5	1.6
977	1.0	1.1	1.0	1.5	1.2	1,1	.6	.7	1.2	.4	1.8
978	.7	.9	.7	1.0	.6	9	.4	.6	1.0	.3	1.7
979	1.0	1.4	.9	1.3	1.0	12	.5	.6	1.6	.4	1.8
980	1.8	2.7	1.5	2.2	2.5	2.1	11	1.1	2.5	.5	2.4
1981	1.6	2.7	1.4	2.2	2.1	1.9	1.0	1.1	2.0	.8	2.2

					N	ondu <b>rable</b> (	goods				
	Total	Food and kindred products	Tobacco manufac- tures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publish- ing	Chemi- cals and allied products	Petro- leum and coal products	Rubber and miscella- neous plastics products	Leather and leather products
ACCESSIONS					i						
Total		- 1		!	1						
1958	3.8	5.6	5.8	3.2	5.2	2 4	2.5	1.8	0.9	3.4	4.2
1959 '	4.3	6.2	5.4	3.5	5.7	28	3.0	2.2	1.3	3.6	4.8
1960	4.1	6.0	5.4	3.2	5.4	2.6	3.0	2.0	1.2	3.1	4.8
1961	4.2	6.0	5.9	3.5	5.7	2.6	2.9	2.1	1.3	3.9	5.0
1962	4 3	6.4	6.4	3.6	5.5	2.8	3.0	2.1	1.4	3.8	5.0
1963	4 2	5.9	6.6	3.6	5.3	2.6	2.9	2.1	16	3.6	5.0
1964	4 3	6.1	6.8	3.8	, 5.5	2.8	3.1	2.1	1.6	3.9	5.1
1965	4 6	6.1	6.1	4.3	5.8	3.2	3.2	2.4	1.8	4.4	5.4
1966	5.2	6.9	6.5	5.1	6.1	4.0	3.8	2.9	2.1	5.5	6.3
1967	49	87	8.6	4.9	5.6	5.7	3.6	2.6	2.3	5 0	5.9
1968	5 1	7.0	6.0	5.3	5.6	4.1	3.6	2.8	24	5.3	6.2
1969	5 2	7.2	6.0	5.5	5.6	4.3	3.8	2.7	2.6	5.7	6.3
1970	4 6	67	5.0	t 4.9	5.4	3.2	3.2	2.2	2.3	4.7	5.8
1971	4 3	61	5 2	5.1	5.3	2.8	2.8	1.9	1.9	4.2	5.8
1972	4.9	69	43	6.1	5.9	3.2	3.2	2.1	1.9	5.2	
1973	5.4	73	5.0	6.8	64	3.5	3.3	2 4	2.3	5 8	•
1974	4.7	6.8	4.4	5.4	5 7	3.1	3.1	2.3	2.3	4.9	7.0
1975	4 3	62	4.2	45	5.7	2.5	2.4	1.9	1.7	4.3	6.8
1976	4 5	6.4	4.0	4.7	5.7	2.8	3.0	1.9	2.0	4.7	6.6



Table 78. Labor turnover rates of employees on manufacturing payrolls by major industry group, 1958-81—Continued

1				_	. N	ondurable (	goods	_			
Category and year	Total	Food and kindred products	Tobacco manufac- tures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publish- ing	Chemi- cals and allied products	Petro- leum and coal products	Rubber and miscella- neous plastics products	Leathe and leathe produc
ACCESSION—Continued			·    -		! ! •	: : :	: : : :	 	:		
977	4 5	6.5	32	4.4	5.7	2.8	3.2	1.8	2.1	4.6	6
978	4.6	6.7	3.8	4.7	5.6	29	3.5	1.8	2.1	5.0	7
979	4.5	6.7	4.0	4.6	5.5	2.8	3.6	1.8	2.4	4.8	6
000								1.0			
980	4.0	6.1	4.0		5.3		3.1	1.6	2.3	4.1	6
981	3.8	5.6	3.9	3.2	5.1	2.3	3.1	1.6	2.0	3.6	=
New hires		!					i	!	i i		
958	2.0	2.7	2.0	16	2.5	1.5	1.8	1.0	0.6	1.3	! 2
959 1	2.8	3.6	2.9	-	3.6	2.1	2.4	1.6	.8	2.4	1 3
960	2.6	3.5	2.8	•	3.2	1.8	2.4	1.4	.8	1.7	1 2
961				2.0	3.1		2.4	1.4	.0	2.0	2
962	2.5 2.8	3.4 3.8	3.1 3.1	2.2	3.1	1.7 1.8	2.1	1.4	1.0	2.0	3
963	2.6 2.7	3.6	3.1	2.5	3.3	1.8	2.3	1.3	1.0	2.4	3
964	2.8	3.8	3.7	2.7	3.3	2.0	2.4	1.6	1.1	2.6	
		}		į.			į.	; !			
965	3.2	4.1	3.3	3.3	3.7	2.5	2.6	1.9	1.4	3.4	;
966	4.0	5.0	3.8	4.1	4.2	3.5	3.2	2.4	1.7	4.6	,
967	3.6	4.9	4.1	3.8	3.7	3.1	2.9	2.1	2.0	4.0	1
968	3.9	5.1	3.9	4.3	3.8	3.5	3.0	2.3	2.1	4.3	
69	4.0	5.4	4.1	4.4	3.8	3.7	3.3	2.3	2.2	4.7	'
70	3.4	4.8	3.5	3.7	3.5	2.6	2.6	1.7	2.0	3.4	
71	3.0	4.1	3.2	3.9	3.5	2.0	2.1	1.3	1.5	3.0	
172	3.7	4.8	2.8	5.0	4.3	2.5	2.6	1.6	1.5	4.2	
973	4.3	5.5	3.5	5.7	4.8	3.0	2.8	2.0	2.0	5.0	(
974	3.6	5.0	2.8	4.3	4.0	2.5	2.6	1.8	2.0	3.9	
975	2.7	4.1	2.5	3.0	3.4	1.4	18	1.1	1.3	2.2	
976	3.1	4.3	1.8	3.6	3.8	2.0	2.3	1.3	1.5	3.5	
077	3.2	4.5	1.5	3.6	3.8	2.0	2.6	1.3	1.7	3.6	
78	3.4	4.7	1.8	3.8	3.9	2.2	3.0	1.4	1.7	4.0	!
3	•	1					1		20	3.8	
979	3.4	4.7	1.6	3.6	3.8	2.1	3.0	1.4	20		ł
980	2.7	3.8	1.6	2.7	3.3	1.5	2.5	1.2	1.8	2.4	4
81	2.5	3.3	1.5	2.4	3.3	1.5	2.5	1.2	1.6	2.4	
SEPARATIONS							1				
Total				!							
958	4.1	5.8	6.1	3.5	57	2.5	2.7	2.2	1.5	3.6	4
159 1	4 2	6.1	5.0	3.5	5.6	2.7	2.8	2.0	1.4	3.4	4
60	4.4	6.0	5.7				1	2.1	1.6	4.0	
61	4.4	6.0 6.0	5.7 5.7		6.1 5.8	2.9 2.7	2.8 2.9	2.1	1.7	3.6	
162	4.4	6.3	6.6	•		2.7	2.9	2.0	1.8	3.6	
63	4.3	6.0	6.3	3.8	5.5	2.7	2.9	2.0	2.0	3.7	
64	4.3	6.0	6.8	3.8	5.6	2.8	3.0	2.0	1.8	3.8	
1		_		1					! i		
65	4.4	6.1	6.4	4.1	5.8	3.1	3.1	2.2	1.9	4.2	
066	5.0	6.8	6.1	5.1	6.1	3.8	3.4	2.5	2.1	5.0	
67	5.0	6.7	6.3	5.0		3.8	3.5	2.5	2.2	5.2	
68	5.0	6.8	61,	5.1		3.9	3.5	2.6	2.4	5.1	
69	5.3	7.2	6.1	5.6	60	4.3	3.7	2.8	2.6	5.3	•
70	5.0	6.8	4.9	5.5	6.1	3.7	3.4	2.5	2.5	5.6	(
71	4.6	6.4	5.1	53	5 7	3.1	3.0	2.2	2.1	4.2	- 1
72	4.9	6.9	4.2	5.9	6.0	3.2	3 2	2.2	2.1	4.7	(
73	5.4	73	4.6			3.5	33	2.3	2.2	5 6	1
74	5.4	7.1 j	4.9	66	6.8	3.7	3.3	2.4	2.3	5.9	1
75	4.5	6.3	4.1	47	6.1	≎ 5	2.8	2.1	1.9	4.7	
76	4.5	, ,	33			2.8	2.9	1.8	2.0	4.3	
77	4.4		3.4		6.0	2.7	3.0	1.7	2.2	4.5	
78	4.5		3.9	47		2.8	3.2 İ	1.7	2.0	48	1
79	4.6	' :	4.1	48	6.0	2.9	34	1.7	2.1	5.1	7
• • • • • • • • • • • • • • • • • • • •											
80	44	6.3	3.5	4 1	5.7	2.9	3.2	18	2.2	5.0	. 6



Table 78. Labor turnover rates of employees on manufacturing payrolls by major industry group, 1958-81—Continued

			,	,	, N	ondurable (	goods	<b>.</b>		<b>.</b> .	
Category and year	Total	Food and kindred products	Tobacco manufac- tures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publish- ing	Chemi- cals and allied products	Petro- leum and coal products	Rubber and miscella- neous plastics products	Leather and leather products
Quits					;	<u>.</u> !	I :				,
1958	1.2	1.4	10	1.3	1.7	0.9	1.2	0.6	0.4	0.8	1.6
1959 1	1.7	19	1.1	1.7	2.3	1.3	. 1.5	.8	.5	1.3	2.2
1960	16	1.8	10	1,6	2 3	1.2	1.5	.8	.5		: : 2.2
1961 , ,	1.5	1,6	.9	1.6		1.0	1.4	.7	.5		2.0
1962	17	1.9	.9	1.9	2.3	1.1		.8	.7		
1963	16	1.8	.9	1.9		1.1	1.4	.8	.7		2.3
1964	1.7	2.0	1.3	2.1	2.2	1.3	, 1.5	.8	.6	1.5	
1965	2 1	2.4	1.5	2.5	· 2.6	1.7	1.7	1.0	.7	2 1	: 2
1966	2.8	3.2	1.9		3.3	2.4		1.0 1.4	. <i>r</i> .9	3.1	
1967	2.7	3.2	2.1		2.9		2.2	1.3	. <del>9</del> 1.0	2.9	: 4. : 3.6
1968	2.8	3.4	2.1	3.6		2.5		1.5	1.2	31	3.9
1969	3.1	3.8	2.3	3.9	3.1	2.7	2.4	1.6	1.3	ł	j 4.0
970 ,	26	3.2	2.0	: . 3.5	: 2.9	2.0	2.0	1 40	امم		
1971	2.2	28	1.6	. 3.5 3.4	2.8	1.5		1.2	1.1	2.6	•
972	2,7	3.2	1.7	4.3		1.8	•	1.0		2 1 2.8	
973	3.3	4.0	2.1	5.1		2.1		1.2		3.7	5.2
974	2.8	3.5	1.8	4.1		1.9	2.0	1.1	.9	3.1	4.6
975	18	2.4	1.1	2.3	2.5	1.0	1.3			1.5	
976	2 2	2.7	.9	2.9	3.0		1.6	.6 .7	,6   .6	2.2	3.1 3.7
977	2.3	3.0	8.	2.8	3.2	1.2		.7	.0 ,	2.4	4.0
978	2.5	3.3	1.0	3.1	3.3	14	2.1	.8	.8	2.8	4.5
979	2 5	3.3 <sup>-</sup>	.9		3.2	1.4		.9	.9	2.8	4 2
980	1.9	2.5	.7	2.2	2.7	1.0	1.9	.7	.7	1.8	3.3
981	1.7	2.1	.6		2.5	.9		.7	.6	1.5	2.8
Layoffs		ı					!		į		
958	2 5	39	4.7	1.8	3.5	1.3	1.0	1.3	.6	2.3	2.4
959 1	2.0	3.6	3.6	1.3	2.7	.9	.9	.8	.5	1.5	1.8
960	2.2	3.6	4.2	1.5	3.2	1.2	.9	9	.6	2.2	2.1
961	2 2	3.9	4.4		3.1		1.0	.9	.6		2.2
962	2.1	3.7	5.3				1.0	.8 !	.6	1.5	2.1
963	20	3.6	5.0	1.2	2.6	1.0	1.0	.8	.7 :	1.6	2.0
964	19	3.3	4.9	1,1	2.6	.9	1.0	.8	.7	1.5	1.8
965.	16	29	4 4	.8	2.4	.8	.9	.7	.6	1.2	: : 1.5
966	1 4	28.	3.5	.7	2.0	.5	.7	.6	.6	.9	1.4
967	1 5	2.7	3.4	.8	2.3	.6	.7	.6	.6	1.1	1,€
968	1 4	26	3 2	.6	2.1	.5 }		.4	.5	.9	1.3
969	1 4	2.6	2.9		2.0	.5 )	.5	.5	.4	1.0	1.8
970	16	2.8	2.1	1.0		.9	.8	.7	.7	18	2.0
971	16	28	2.7	.9		.9		.7	.6	1.2	2.1
972	1 3	28	1.7	.5	16	.7		.5	.6	.8	
973	1 2	24	1.5	.5	1.6	.6	.6	.4	.6	.7	1 6
974	16	2.7	2.1	1.3	2.4		.7	.6	.7	1.7	2.3
975 ,	20	3.1	2.2	1.5	28	1.8	1.0	.9	.7	2.3	2.6
976	1 5	27	1.8	1.0		.9	.8	.5	.7	1.1	2.3
977 .	1 4	26	18.	8 -	19	.8	.7	,4 !	.6	1.0	2.0
978	12	24	2.0	.7	1.6	.6	.6	.4	.5 '	9 i	
979	13	2.4	2.3 .	.8	2.0	.7	1	.3	.6	1 2	2.3
980	1 7	29	1,9	1.0	2.1	1.2		.5	.8	2.2	2.5
981	16	2.9	2.4	11		1.1	.7	.5	. <b>8</b> i	15	

<sup>&</sup>lt;sup>1</sup> Beginning January 1959, transfers between establishments of the same firm are included in total accessions and total separations.

are averages of 12 monthly observations. Series discontinued with 1981 data.

NOTE Data include Alaska and Hawaii beginning in 1959. Annual rates



Table 79. Average weekly hours of production or nonsupervisory workers <sup>1</sup> on private nonagricultural payrolis by industry division, selected years, 1932–82

1			!		Manufacturi	ng	Transpor- ,	Wholes	ale and retai	l trade	Finance,	
Year	Total private	Mining	Construc- tion	Total	Durable goods	Nondura- ble goods	tation and public utilities	Total	Whole-	Retail	ance, and real estate <sup>2</sup>	Service
000				38.3	32.5	41.9	_ :	:	****		_	; 
932		<del>-</del>	i	36.6	37.2	36.1		:	41.6		_	
			_	38.1			_ :		41.3		_	
	_	_	<b>-</b> ·	43.5	44.0			;	42.8			
	-	27.0	37.4	40.5	41.1	39.7		40.5		40.4	37 7	
950	39.8			40.5	41.3	39.9		39.4	40.7	39.0	37.6	i .
955	39 6	40.7	37.1	40 /	. 41.3	. 38.8		35.4	40.7	00.0	07.0	i
960	38.6	40.4	36 7 '	39 7	40.1	39.2		38.6	40.5	38.0		
961	38.6	40.5	36.9	39.8	40.3	39.3	<del>-</del> ,	38.3		37 6		1
962	38 7	41.0	37 0	40.4	40.9	39 7	<del>-</del> !	38.2	40.6	37.4	37.3	
963	38.8	416	37.3	40.5	41.1	39 6		38.1	40.6	373	37 5	i
964	38.7	41.9	37. <b>2</b> i		41.5	39.7	41.1	37.9	40.7	37.0	37.3	36
	00.0	423	37.4	41.2	42.0	40.1	41.3	37.7	40.8 !	36.6	37.2	3:
965	38.8		37.4 37.6 :	41.4	42.0	•		37.1	40.7	35.9		3
966				40.6	41.2	•		36.6	40.3	35.3	37.1	35
967	38 0		37.7		41.4	39.8		36.1	40.1	34.7		34
968 i	37 8	•	37.3	40.7	1		40.7	35.7	40.1	34.2	i 37.1	3
9 <b>6</b> 9	37.7	43.0	37.9	<b>40.6</b>	41.3	39.7	40.7	33.7	40.2	34.2		
970	37.1	42.7	37.3	39.8	40.3	39.1	40.5	35 3	39.9	33.8	36.7	34
971	36 9	42.4	37.2	39.9	40.3	39.3	j 40.1	35.1	39.5	33.7	36.6	33
972 <sup>.</sup>	37.0	42.6	36.5	40.5	41.2	39.7	40.4	34.9	39.4	33.4	36.6	33
973	36.9	42.4	36.6	40.7	41.5	39.6	40.5	34.6	39.3	33.1	; 36.6	33
974		41.9	36.6	40.0	40.7	39.1	40.2	34.2	38.8	32.7	36.5	3:
: ! 975	36.1	41.9	36.4	39.5	39.9	38.8	39 7	33.9	38.7	32.4	36.5	3:
976		41.5	36.8	40.1	40.6	39.4	39.8	33.7	<b>3</b> 8.7	3 <b>2</b> .1	36.4	3
977		43.4	1	40.1	41.0	39.4	39.9	33.3	38.8	31.6	36.4	3
978i	35.8	43.4		40.4	41.1	39.4	40.0	32.9	38.8	31.0	36.4	3
				40.4	40.8	39.3	39.9	32.6	38.8	30.6	36.2	3
979	35.7	43.0	· 37.0	40.2	40.8	35.3	33.5	0E.0			1	
980	35.3	43.3	37.0	39.7	40.1	39.0	39.6	3 <b>2</b> .2	38.5	30.2	36.2	3
981	35.2	43.7	3 <b>6</b> .9	39.8	40.2	39.1	39.4	32.2	38.5	30.1	36.3	3
982		42.6	36.7	38.9	39.3	38.4	39.0	31.9	38.4	29.9	36.2	3

<sup>&</sup>lt;sup>1</sup> Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

Note: lata include Alaska and Hawaii beginning in 1959. Dash indicates data are not available.



<sup>&</sup>lt;sup>2</sup> Excludes data on nonoffice salespersons.

Table 80. Average weekly hours of production workers on manufacturing payrolls by major industry group, selected years, 1947-82

						Durable	goods				
Year	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass products	Primary metal indus- tries	Fabricated metal products	Machinery, except electrical	Electric and electron- ic equip- ment	Transporta- tion equipment	Instruments and related products	Miscella- neous manutactur- ing industries
1947	40.5	: : 40.3	. 41.5	41.0	39.9	40.9	41.5	40 3	39.7	40 4	40.5
1950	41.1			41.1	40.9	41.5		41.1	41.4		40.8
1955	41.3	39.5		41.4		41.7		40.7			
1960	40 1	390	' 40.0	40.6	39.0	40 5	41.0	'	40.7		39.3
1961	40.3	39.5		40.7	39.5	40.5			40.5	40.7	39.5
1962	40.9	39.8		41.0	40.2	i 41.1	41.7	40.6	42.0	40.9	39 7
1963	41.1		40.9	41.4	41.0	41.3		40.3	42.0	40.8	39.6
1964	41 5	40.4	41.2	417	41.7	41.7			42.1	40 8	39.6
1965	42.0	40.9	41.5	42.0	42.1	! 42.1	43.1	41.0	42 9  ¹	41 4	39 9
1966	42.2	40.8	41.5	42.0	42.1	42.4	43.8			42 1	
1967	41.2	40.2	40.4	41.6	41.1			40.2	41.4	41.2	39.4
1968	41.4		40.6	41.8	41.6	41.7		40.3	42.2	40.5	39.4
1969	41 3	40.2	40.4	41.9	41.8	41.6	42.5	40.4	41.5	40 7	390
1970	40.3	39.5	39.2	41,2	40.4	40.7	411	39.8	40.3	40.2	38.7
1971	40 3	39.8	39.8	41.6	40.1	40.4	40.6	39.9		39.8	38.9
1972	41.2	40.4	40.2	42.1	41.4	41.2	42.1	40.4	41.7		39.5
1973	41.5	39.9	40.0	41.9	42.3	41.6	42.8	40.4	42.1	40.9	39.0
1974	40.7	, 39.2	39.1	41.3	41.6	40.8	42.1	39 7	40.5 1	40.4	38.7
1975	39.9	38.7	38.0	40.4	40.0	40.1	40.8	39.5	40.4	39 5	38.5
1976 1	40.6	39.9	38.8	41.1	40.8	40.8	412	40.0	41.7		38.8
1977	41.0	39.8	39.0	41.3	41.3	41.0	415	40 4	42 5		38 8
1978	41.1	39.8	39.3	41.6	41.8	41.0	42.1	40.3	42.2	40 9	38.8
1979	40.8	39.4	38.7	41.5	41 4	40.7	41.8	40.3	41.1	40 8	38.8
1980	40.1	38.5	38.1	40.8	40.1	40.4	41.0	39.8	40.6	40.5	38.7
1981	40.2	38.7	38.4	40.6	40.5	40.3	40.9	40.0	40.9	40 4	38.8
1982	39.3	38.0	37.2	40.0	38.6	39.2	39.7	39.3	د 40 ع	39.8	38.5

Nondurable goods **Printing** Rubber and Leather Apparel Petro-Food and Tobacco Textile Paper Chemicals and other miscellaneous, and leum and and Total kindred manufacmill and allied and allied textile publishplastics leather products tures products products products products products ıng products products 1947 ...... 40.2 43.2 38.9 39.6 40.2 41.2 39.9 38.6 36.0 43.1 40.6 1950 ..... 39.7 38.1 41.0 37.6 41.9 39.6 36.0 43.3 38.9 41.2 40.8 1955 .... 39.9 415 38.7 40.1 41.8 37.9 36.3 43.1 38 9 41 1 40.9 1960 39.2 40.8 38.2 39.5 35.5 42 1 38.4 413 411 39.9 t 369 1961 393 409 42.5 40.3 37.4 39.0 39.9 35.4 38.2 41.2 41.4 ..... .. . . . . 1962 39.7 41.0 38.6 36.2 42 6 38.3 41.0 i 37.6 40.6 416 41.6 ... .... . . . . 1963 396 410 38.7 40.6 36.1 42.7 38.3 41.6 41.7 40 B 37.5 1964 39 7 41.0 38.8 41.0 35.9 42.8 38.5 41.6 41.8 41.3 37.9 1965 40.1 41.1 37.9 420 38.2 41.7 36.4 43.1 38.6 419 422 | 1966 40.2 41.2 38.9 41.9 42.0 420 386 36.4 38.8 43.4 42.4 1967 39 7 40.9 38.6 40.9 36.0 428 38.4 41.6 42.7 41.4 38.2 1968 39.8 40.8 37.9 41.2 36.1 42.9 38.3 41.8 42.5 41.5 38 3 1969 39.7 40.8 37 4 43.0 41.1 40.8 35 9 . 38.3 41.8 42.6 37 2 1970 39.1 40 5 37.8 39.9 37.7 40 2 35.3 42.8 372 41.9 41.6 1971 393 403 378 40.6 356 42.1 37.5 41.6 42.8 403 377 1972 36.0 <sup>‡</sup> 39 7 405 376 41.3 42.8 37.7 41.7 42.7 : 41 1 38.3 1973 396 40.4 38.6 409 35.9 42 9 377; 418 424 41 1 378 . . . . . . . 1974 39.1 40.4 38.3 39.5 42 2 : 37.5 40.5 36 9 35.2 415 421 . . . . 1975 38.8 403 38.2 37 1 39.3 36 9 41 0 399 35.2 41.6 41,2 1976 39 4 40.5 375 40 1 35.8 42.5 37 5 416 42.1 40 7 37 4 1977 39 4 400 37.8 40.4 35 6 42.9 37.7 417 42.7 410 36.9 1978 39 4 397 40 4 41.9 38 1 376 40 9 37 1 356 42.9 436 1979 393 39 9 36 5 380 40 4 353 426 37 5 419 438 40 5 39 7 39 0 1380 38 1 40.1 35 4 42 2 37 1 41 5 418 40 0 36 7 1981 39 1 1 39 7 388 39.6 35 7 42 5 37 3 416 43 2 403 36 7 34 7 1982 38 4 394 37.8 37 5 418 371; 43 9 **3**9 6 40 9 356

NOTE Data include Alaska and Hawaii beginning in 1959



Table 81. Average weekly overtime hours of production workers on manufacturing payrolls by major industry group, selected years, 1956-82

_	!						Durable	goods				
Year	Manufac- turing	Total	Lumber and wood prod- ucts	Furni- ture and fixtures	Stone, clay, and glass prod- ucts	Primary metal indus- tries	Fabri- cated metal prod- ucts	Machin- ery except electrical	Electric and elec- tronic equip- ment	Transpor- tation equipment	Instruments and related products	Miscella- neous manufactur- ing industries
1956	2.Ł	3.0	2.6	2.3	3.3	2.8	3.1	3.9	2.6	: . 31	25	2.8
1960		2.4	2.0	2.5	3.3	1.8	2.6	2.7		2.7	2.1	2.1
1961	2.4	2.4	2.9	2.5	3.1	1.9	2.4	2.5		2.5	2 1	
1962		2.4	3.2	2.4	3.4	2.2	2.9	3.1		3.5	2.4	2.3
1962		3.0	3.3	3.0	3.7	2.7		3.2	1	. 36	2.4	
1964		3.0	3.4		3.9	3.2	3.4	•		39		2.4
			!		:	ļ.	!	:		4.8	30	2.7
1965	36	3.9	3.8	3.6	4.2	3.8	4.0	4.6	-	4.6		3.0
1966	3.9	4.3	4.0	3.8	4.5	4.0	4.5	5.6		3.7		2.6
1967	3.4	3.5	3.6	3.0	4.2	3.2	3.8	4.4		4.6	; 3.1 27	2.5
1968	3.6	3.8	3.9	3.4	4.5	3.8	4.1	4.0	•	3.8	3.0	2.6
1969	3.6	3.8	3.8	3.3	4.8	4.1	4.2	4.5	2.8	:	I	!
1970	3.0	3.0	3.3	2.3	4 2	3.0	3.3	3.2			2.3	2.2
1971		2.9	3.6	2.6	4.5	3.0	•	2.6	21		2.1	2.2
1972		3.6	4.0	3.1	4.8	3.6	3.5	3.8	2.7		27	2.7
1973	3.8	4.1	3.9	3.1	5.0	4 5	4.1	4.8	3.1		3.1	2.6
1974	3.3	3.4	3.3	2.4	4.4	3.9	3.5	4.3	2.4	3.4	2.7	2.2
1975	2.6	2.6	2.9	1.8	3.7	2.6	2.6	3.0	1.9	2.8	1.8	1.9
1976		3.2	3.5	2.0	4.1	33	3.2	3.3	2.3	4.2	2.3	2.2
1977		3.7	3.7	2.4	4.6	3.7	3.6	4.0	2.6	5.0	2.4	2.2
1978		3.8	3.7	2.7	4.8	4.2	3.8	4.3	2.8	5.0	2.6	2.4
1979		3.5	3.5	2.2	4.5	3.9	3.4	4.0	2.7	4.2	2.5	2.2
		2.8	}	1.7	3.8	2.8	2.8	3.4	2.3	3.2	2.3	1.9
1980		!		1.7	3.8	3.0	2.7	3.2	2.2	3.2		1.9
1981		2.8	2.5		3.5	2.0	2.0	2.2	1.8			1.6
1982	2.3	2.?	2.3	1.5	J.5	2.0	2.0	2.2	:	2.7	1.7	]

Ī				•	r	Nondurable g	oods				
!	Total	Food and kindred products	Tobacco manufac- tures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publish- ing	Chemicals and allied products	Petro- leum and coal products	Rubber and miscellaneous, plastics products	Leather and leather products
1956	2 4	3.1	1.3	26	1.0	4.5	3.1	2.1	2.2	2.1	1.4
1960	2.5		10	2.6	1.2		2.9	2.3	20	. <b>2.4</b>	1.2
1961	2.5	3.3		2.7	1.1		2.7	23	2.0	2 7	1.4
1962	2.7	34		3.2	13		2.8	2 5	23	; 31	1 4
1963	27	3.4	1.1	3 2	13	4.5	2.7	2 5	2.3	30	1.4
1964	2 9	3.6	S '	36	13	4.7	2.9	2.7	! 2.5	3.5	1.7
1965	3 2	38	ı 1 ·			: : 50 i	31	30	28	4.1	1.8
1965	34	40	14		1.5	55	35	33		4.4	2.1
1967	3.1	4.0				50				•	. 19
1968	3.3	4.1	1.8	4.1	1.4	5.3		3 3	; 3.6	. 42	
1969	3 4	4 2	1.4	3.9	. 13	, 55	3.4	3.4	39	. 42	1.8
			·		i	1	28	•		. 33	1.7
1970	30	4.0 3.8	17				2.6		37		1.9
1070	3.0 3.3	40	1.6	45		4.9	2.9		38	40	1
1972	3 4	4 1	2.4	4.4	•	5 2			3.9	42	2.1
1974	30	41	21	33	12	•			3 9	3 5	1.8
						40	22	27	30	' 28	1.9
1975	27	3 9	2.0	3 1	13		2 5	3 2		35	1.9
1976	30	4 1	13 19	3.4 3.5	1.3		_	34	40	37	
1977	3 2	41		36		51	. 3.0	35	43	37	1.8
1978 1979	3 2 3 1	4 0 4 0	2 1 1 3	35	10		2.8	35	4.3	30	:
1980	28	38	1 7		10			31	. 37	30	14
1981	28	3 7							38		1.2
1982	2.5	35	14	; 22	10	4 1	_ 23	28	3 9	. 26	1 4

Note Data include Alaska and Hawaii beginning in 1959



Table 82. Indexes of aggregate weekly hours of production or nonsupervisory workers <sup>1</sup> on private nonagricultural payrolls by industry division, 1947–82

[1977=100]

				Goods-pr	oducing					Serv	ice-produc	oing		
					М	anufacturi	ng			Wholese	ale and re	tail trade	Fi-	
Year	Total private	Total	Mining	Con- struction	Tota!	Dura- ble goods	Non- durable goods	Total private	Trans- portation and public utilities	Total	Whole- sale	Retail	nance, insur- ance, and real es- tate <sup>2</sup>	Serv- ices
1947		89.8	132.5	61.9	93.2	83.6	107.4	_	_	_	_	_	_	_
1948	] _	89.7	133.2	67.5	91.9	82.1	106.5	i –	_	_	l <u> </u>	_	_	_
1949		80.9	113.4	66.6	82.1	70.8	99.0		_	-		_	_	-
1950	_	88.1	115.4	71.2	90.1	80.9	103.6	! _		_	_	_		_
1951	.  _	95.0	120.1	80.9	96.5	91.1	104.5	_	-	_	_	_	_	_
1952	T :	95.1	115.3	83.1	96.5	91.9	103.4		-	-	_	_		<b>-</b>
1953		98.2	110.8	80.3	101.1	98.7	104.7	-	_	-	-	_	-	-
1954		88.7	98.7	78.1	90.3	84.7	98.6	_	_	-	_	_	_	_
1955		94.3	103.2	83.3	96.0	91.6	102.6	_	<b>–</b>	_	_	_	_	_
1956	·	95.8	106.6	90.1	96.4	92.4	152.3	-	-	-	-		_	-
1957	·	92.6	104.0	86.5	93.2	89.3	99.0	_	-	_	_	_		_
1958 1959		83.2 89.4	88.7 89.0	80.7	83.5	76.2 84.0	94.2	_		_	_		_	_
1828	-	09.4	09.0	86.5	90.0	84.0	98.8	_	_	_	_	_	_	_
1960		87.6	85.9	83.1	88.6	82.8	97.3	<b>–</b>	_	-	_	_	-	-
1961		84.5	80.4	81.2	85.3	78.2	95.8	<b>–</b>	-	_	_	_	_	
1962		88.0	78.2	83.8	89.3	83.4	98.2		_	i -	_	_	-	-
1963		89.0	77.3	86.6	90.0	84.8	97.6			750		75.0		-
1964	79.2	91.0	77.7	88.9	92.1	87.8	98.4	72.7	89.6	75.9	76.3	75.8	70.7	63.
1965		96.4	78.0	93.3	97.8	95.1	101.9	75.2	91.8	78.8	79.3	78.7	71.9	65.
1966		102.2	77.5	96.2	104.5	103.6	105.9	77.5	93.6	80.8	31.9	80.4	73.5	68.
1967		100.2	74.5	93.6	102.7	101.1	105.0	79.1	94.1	81.3	32.7	81 2	75.9	71.
1968	88.7	101.9	73.2	95.4	104.5	102.7	107.2	81.4	95.4	83.3	84.0	83.0	79.3	74.
1969	91.7	104.5	75.7	103.5	106.0	104.9	107.8	84.6	98.3	86.0	87.1	P5.5	83.8	78.:
1970	90.2	98.4	75.2	101.2	99.0	95.4	104.3	85.7	99.0	86.9	88.3	86.4	85.5	79.
1971	. 89.7	95.9	71.8	103.5	95.6	90.6	102.9	86.2	97.1	88.0	88.9	88.4	87.0	80.
1972		100.2	75.5	107.7	99.9	97.3	103.6	88.9	99.4	90.8	89.2	91.4	89.5	82
1973	97.1	105.9	76.8	113.5	105.9	106.2	105.3	92.2	102.1	93.7	92.5	94.2	92.4	86.0
1974	97.1	103.0	82.8	109.4	102.7	103.4	101.7	93.8	102.6	94.4	94.7	94.3	93.5	90.0
1975	92.6	90.6	89.2	92.5	90.2	88.6	92.7	93.7	96.6	93.8	93.5	9.63	93 5	92.
1976		95.5	93.5	93.9	95.9	94.4	98.1	96.6	97.5	97.0	96.3	97.3	95.4	96.0
1977		100.0	100.0	100.0	100.0 104.5	100.0 106.3	100.0 101.7	100.0 104.8	100.0 103.4	100.0 104.2	100.0 105.6	100.0 103.6	100.0 105.7	100.0 105.
1978 1979	104.9	105.6 108.6	103.2 115.3	112.0 119.7	104.5	100.3	101.7	104.8	103.4	104.2	110.3	103.6	110.6	109.
	1						101.8							
1980		102.3	123.0	114.9	98.9	99.5	98.1	109.8	106.3	105.5	110.3	103.7	114.4	115.0
1981		101.1	137.0	109.1	97.9	98.0	97.6	111.9	105.5	106.3	111.7	104.2	117.2	119.0
1982	104.4	91.0	132.2	100.0	87.3	84.8	90.9	111.8	102.3	104.8	108.9	103.2	116.9	122.

<sup>&</sup>lt;sup>1</sup> Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and

real estate; and services.

NOTE: Dash indicates data are not available.





<sup>&</sup>lt;sup>2</sup> Excludes data on nonoffice salespersons.

## Table 83. Indexes of aggregate weekly hours of production workers on manufacturing payrolls by major industry group, 1947-82

[1977 = 100]

						Durable	goods				*****
Year	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass products	Primary metal indus- tries	Fabricat- ed metal products	Machinery, except electrical	Electrical equip- ment and supplies	Transporta- tion equipment	Instruments and related products	Miscella- neous manufactur- ing industries
947	83.6	132.5	78.5	87.7	112.1	73.2	76.5	64.0	75.1	63.6	; · 114.7
948	82.1	127.4	79.6	88.8	113.4	71.4	75.1	59.8	73.7	60.9	; 113.9
949	/0.8	112.1	70.0	79.8	93.6	61.4	60.3	49.4	70.3	52.7	99.8
950	80.9	123.9	84.7	88.3	110.7	72.8	65.9	62.1	77.5	58.3	107.9
951	91.1	127.5	80.6	95.5	123.0	80.7	83.2	70.4	92.0	71.3	108.1
952	91.9	120.5	80.9	89.5	111.4	80.1	84.7	74.8	104.1	77.7	104.2
953	98.7	116.2	82.5	91.6	121.1	88.4	85.0	84.2	120.6	84.4	111.3
954	84.7	105.8	73 7	85.5	99.5	77.1	72.2	70.1	101.4	72.4	99.5
		1		93.3		82.7	76.0	74.6	110.4	72.8	102.5
955	91.6	112.2	81.2		116.0 116.9	82.2	83.1	78.7	104.1	74.6	102.6
956	92.4	108.8	82.0	94.6		82.5	79.5	75.9	104.8	72.5	96.3
957	89.3	95.8	79.8	90.5	111.6		63.7	66.9	83.1	65.0	90.5
958	76.2	90.3	75.0 83.4	83.2	89.5 97.2	72.7 78.4	72.2	77.2	88.7	71.9	96.2
959	84.0	1		93.0		1	Į .	E	1	4	1
960i	82.8	93.4	81.4	90.7	98.0	78.0	72.0	77.9	85.0	71.9	95.2
961	78.2	87.4	77.6	86.8	91.5	71.1	67.7	77.0	76.7	69.6	92.5
962	83.4	89.8	83.2	88.9	95.2	79.2	73.3	83.3	84.8	72.0	95.9
963	84.8	91.2	84.6	91.0	98.2	81.4	75.0	81.4	88.5	71.8	94.7
964	87.8	93.2	88.6	93.7	106.1	84.3	80.5	82.0	88.8	71.4	96.9
965	95.1	95.0	94.9	96.3	113.2	90.9	948	91.2	99.5	76.9	103.2
966	103.6	96.1	101.4	98.8	116.8	100.2	99.7	106.4	108.8	87.4	108.6
967	101.1	92.0	96.8	94.5	1/19.6	101.9	98.7	103.7	106.0	87.8	102.8
968	102.7	94.4	101.3	96.8	109.6	105.7	95.6	103.8	112.7	86.6	103.2
969	104.9	95.6	103.7	100.4	114,5	108.8	99.5	106.1	110.2	89.7	103.5
970	95.4	89.2	95.2	96.0	106.0	98.7	92.1	98.5	90.8	83.4	98.0
971	90.6	93.8	97.3	97.0	97.4	92.9	81.3	92.1	89.6	76.8	95.1
972	97.3	103.2	108.0	104.1	101.5	100.0	88.9	98.7	94.2	83.2	103.3
973	106.2	106.5	112.7	109.9	112.2	108.2	101.7	108.9	102.7	93.2	107.2
974	103.4	97.0	105.3	106.8	112.6	104.5	105.8	105.2	93.8	98.1	105.4
975	88.6	81.5	86.0	91.8	93.1	89.0	92.6	86 5	85.0	85.9	92.1
976	94.4	93.6	94.7	96.0	37.1	94.6	93.4	93 2	93.9	93.1	98.3
977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
978	106.3	104.8	107.2	104.9	104.9	106.1	108.7	108.5	106 3	107.2	103.0
979	109.1	105.0	107.2	105.5	107.3	107.8	115.6	112.1	106.8	112.7	101.4
:		ī	i,	95.1	92.5	98.3	111.4	106.0	91.2	112.8	93.2
980		90.7	96.0	i .		96.1	109.6	105.0	90.9	113.9	90.4
981 982	98.0 84.8	87.1 76.4	96.2 85.6	90.6 79.6	91.8 69.4	96.1 82.5	91.9	95.8	8C.1	107.0	



Table 83. Indexes of aggregate weekly hours of production workers on manufacturing payrolls by major industry group, 1947–82—Continued

[1977 = 100]

	ļ 		·		No	ndur <b>a</b> ble god	xds				
Year	Total	Food and kindred products	Tobacco manufac- tures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publishing	Chemicals and allied products	Petroleum and coal products	Rubber and plastics products	Leather and leather products
1947	107.4	130.0	198.7	151.2	93.8	78.8	80.4	78.3	122.8	45.9	179.1
1948	106.5	125.5	189.2	152.9	95.6	78.6	79.7	77.7	126.9	43.4	170.5
1949	99.0	121.0	174.5	129.8	92.7	73.1	77.7	71.1	121.7	37.9	158.1
1950	103.6	120.2	167.4	144.8	96.6	81.0	78.9	73.9	119.8	45.1	165.5
1951	104.5	121.5	171.1	139.1	95.8	84.4	80.6	80.6	125.6	48.0	155.9
1952		120.1	173.0	131.3	98.2	81.3	81.4	80.5	121.9	48.1	163.9
1953		119.0	168.9	130.1	100.2	85.8	83.5	83.4	125.7	50.7	163.2
1954	98.6	115.4	165.8	114.2	92.5	84.0	83.0	79.9	121.0	44.6	152.1
1955	102.6	115.5	169.2	120.6	98.3	87.9	86.1	82.8	119.1	52.6	161.5
1956	102.3	115.8	161.9	117.1	97.4	89.5	89.3	83.9	117.8	51.2	159.0
1957	99.0	111.1	151.8	108.6	95.3	88.2	89.2	82.6	114.0	51.4	153.7
1958		107.3	152.3	100.6	90.9	85.6	87.9	78.2	107.2	45.3 ·	144.8
1959	98.8	107.8	151.9	108.4	96.6	90.9	90.8	81.5	102.6	52.2	156.3
1960	97.3	106.6	147.5	103.2	96.9	91.0	92.9	81.9	101.0	51.0	146.9
1961	95.8	104.9	143.8	100.4	95.1	914	92.8	81.2	95.5	50.8	148.6
1962		104.0	140.8	103.1	101.2	93.1	93.5	83.9	93.0	56.7	148.9
1963	97.6	103.0	137.2	100.7	102.3	93.5	92.8	84.9	89.0	57.5	143.1
1964	98.4	102.3	141.1	102.4	103.5	94.2	95.0	85.6	85.2	60.7	143.4
1965	101.9	102.6	131.3	107.9	109.1	96.7	98.2	89.0	84.9	67.2	146.9
1966	105.9	104.6	129.3	112.5	113.0	101.3	102.9	93.9	86.6	73.0	152.4
1967	105.0	104.6	131.9	108.7	110.9	101.4	104.1	95.7	87.2	71.7	143.7
1968		104.7	126.2	113.4	111.4	103.5	104.8	99.1	89.5	78.7	145.3
1969	107.8	105.6	120.5	112.9	110.7	106.5	107.2	101.1	85.2	82.9	135.7
1970	104.3	105.3	120.9	106.7	105.1	102.4	105.1	97.6	90.2	78.0	126.3
1971		104.5	111.1	106.4	104.2	98.9	101.3	95 0	94.6	79.3	120.1
1972	103.6	103 9	108.5	112.0	108.4	102.5	102.6	96.0	95.2	88.8	121.7
1973	105.3	101.6	116.0	113.4	111.6	104.8	103.5	99.2	93.7	98.2	114.9
1974	101.7	101.3	113.2	104.2	102.9	103.4	101.5	100.6	94.6	96.4	106.4
1975		973	110.5	92.5	93.5	89.9	94.6	92.4	90.3	81.0	98.0
1976	98.1	99.8	110.6	100.3	101.2	97.3	96.0	97.1	96.0	87.5	105.4
1977	100.0	100.0	100.0	100.0		100.0	100.0	100.0	100.0	100.0	100.0
1978	101.7	100.5	99.3	99.0	101.4	101.3	103.7	102.2	105.2	105.6	101.3
1979	101 9	102.2	97.7	97.3	98.0	102.7	107.3	103.1	108.9	108.3	94.6
1980	. 98.1	100.5	94.8	92.3	95.1	99.4	106.4	100.9	92.9	97.7	89.4
1981	976	98.2	98.3	88.3	94.1	99.2	106.9	101.7	103.2	100.2	91.6
1982	90.9	95.7	92.1	75.3	65.0	92.9	106.1	95.6	93.9	92.7	81.7

NOTE. Data include Alaska and Hawaii beginning in 1959.



Table 84. Average weekly hours of production workers on manufacturing payrolls by State, selected years, 1948-82

Region and State	1948	1949	1950	1955	1960	1961	1962	1963	1964
Region I:			! !	ļ	İ			•	
Maine	410	39.8	41.1	40.6	40.2	40.1	40.6	40 B	40.8
New Hampshire	40.2	38.6	40.2	40.9	39.8	40.3	40.6	40 2	40.6
Vermont	!	40.5	41.9	42.1	141.4	41.3	41 9	412	41 5
Massachusetts	i	-	40.6	40.4	39 2	39.5	39 8	39 7	
Rhode Island	39.6	38.8	40.4	40.3	39.2	49.0	40.1	40 4	39 !
Connecticut	41.3	39.1	41.6	41.6	40.2	40.7	41.2	41.3	41.4
legion II.		!		20.5	20.0	00.0	20.2	39 2	39.
New York	39.5 40.5	38.4 39.4	3.1.3   40.8	39.5 ¦ 40.7	38.8 39.6	38.8 40.0	39.3 40.5	40.5	
legion III.	40.0	33.1				!		•	
Pennsylvania	39.7	38.4	39.7	40.0	38.9	39.0	39.4	39.6	40.
Delaware	40.9	39.9	41.0	40.6	39.4	40.1	40 B .	40.9	40.
Maryland	_		40.8	40.9	40.1	39.9	40.2	40.5	40.
District of Columbia 2			_	40.2	39.2	40 1	39.\$	39.7	39.
Virginia	_	<b>_</b> i	40.3	40.9	39.9	40.3	41.0	40.9	41.
West Virginia		_	_	39.5	38.7	39.5	39.7	40.0	40.
legion IV:						į	į	:	:
North Carolina		-	39.5	40.2	39.7	40.1	40 8	40 7	40
South Carolina	:	38.2	40.1	41.0	40.3	40.5	41.2	41.0	41.
Georgia	-	38.8	40.3	40.3	39.4	39.7	40.1 i	40.1	40.
Florida	42.9	42.2	42.3	41.5	40.9	41.3	41.3	41.4	41.
Kentucky	-		_	41.0	39.4	39.9	40.1	40.5	40.
Tennessee	40.4	39.6	40.2	40.7	39.8	40.0	40.5	40 6	40.
Alabama		39.4	40.1	40.5	39.4	39.6	40.1	40.5	41.
Mississippi	_	_	41.0	41.5	1 39.8	39.7	39.8	40.4	40
legion V:									ļ
Ohio	_		- 1	41.2	40.0	40.0	40.8	41 1	41
Indiana	40.6	39.6	41.0	41.2	40.0	40.1	<b>4</b> 0.9 ;	41.0	41
Illinois	41.0	39.7	40.9	41.2	40.0	40.1	40.6	40 7	41.
Michigan	39.8	39.1	41,5	42.3	40.8	40.1	41.8	42 5	43
Wisconsin	41.9	40.4	41.9	42.0	40.6	40.6	41.4	41.3	41.
Minnesota	41.1	40.4	41.1	41.3	40.4	40.5	40.5	40.8	40.
Region VI:						40.4	20.0	40.6	40
Arkansas	_	41.4	41.5	41.4	40.2	40.1	39.9	42.1	42
Louisiana			40.5	41.9	40.9	40.8	41.8		41
Oklahoma	42.7	41.4	42.3	41.5	40.7	40.9	41.2	41.3	41
Texas	_	42.0	42.3	42.1 42.3	41.1 39.7	41.1 39.9	41 4 40.4	41.4 40.9	39
New Mexico	_	44.0	43.8	42.3	38.7	38.8	40.4	40.0	
Region VII: lowa		40.9	41.5	41.1	39.8	40.0	39.9	40.3	40
Missoun			i -	39.9	39.1	39.1	39 7	39.9	40
Nebraska	i	_	42.2	42.2	3 42.0	42.3	42.8	42.9	43
Kansas	_	_	_	_	-		-		! .
Region VIII:									
North Dakota	<u> </u>			-	41.4	42.1	413	42.0	42
South Dakota	_		43.5	45.7	45.0	45.6	45 1 '	45.+	45
Montana	l	<u> </u>	40.1	41.3	39.2	40.3	4ን0	39 7	40
Wyoming	1	_	39.4	41.0	37.5	37.5	37 1	38.1	38
Colorado	_	_	_		-		40.1		40
Utah	40.2	39.8	40.5	39.8	40.2	40.2	40.1	40.3	: 40. i
Region IX			1				1		:
Arizona	l –	410	429	41.6	40.3	40.4	40 0	40 4	40
Nevada	; –	-	43.7	39.9		40.0	400.	39 4	40
California	38 9	38.8	39.7	40.5	39.8	39.9	40.3	40.2	40
Нажан	<u> </u>	<u> </u>	-	;		38.3	376	38.0	; 38
Region X:	!		1		40.0	007	20.6	40 A	20
Idaho	1		41.0	41.6	40.0	39.7	_	40 4	39
Washington	•	38.5	39.0	•	38 7	39.0		39 2	; 39
Oregon	! -	<u> </u>	39.1	39.1	38 1	38.6			_
Alaska	_	1	i –	i		40 3	418	43 1	i 43



Table 84. Average weekly hours of production workers on manufacturing payrolls by State, selected years, 1948-82—Continued

Region and State	1965	1966	1967	1968	1969	1970	1971	1972	1973
Region I:									
Maine	41.3	415	41.0	40.7	40.2	40.1	39 8	40.7	40.8
New Hampshire	40.9	41.1	40.4	40,3	39.5	3 <b>8</b> .8	39.1	1 39.8	39.8
Vermont	42.4	43.0	42.1	41.7	41.5	41.0	41.2	41,5	41.5
Massachusetts	40.3	40.7	40.0	40.0	39.7	39.2	39.4	40.1	40 5
Rhode Island	40.6	40.7	40.5	40.3	40.1	39.2	39.3	39.5	39.0
Connecticut	42.1	43.2	42.2	41.9	41.7	40.9	40.5	41.5	42.1
Region II:		_		İ			20.4	20.6	20.7
New York	39.7 41.0	40.2 41.3	39.6   40.6	39.7 40.7	39.6 40.8	વ8.9 +⊾ 3	39.1 40.4	39.6   40.9	39.9 41.4
New Jersey	41.0	41.3	40.0	40.7	40.0	700	70.7	10.0	• • •
Region III:	40.5	40.8	39.9	40.0 l	40.1	39,2	39.2	1 39.8	40.
Pennsylvania	41.5	41.0	39.9	40.8	40.3	39.6	40.2	1 40.1	40.
Delaware	41.2	41.2	40.5	40.6	40.8	40.1	39.7	1 40.2	40.
Maryland	- 1		ı	39.5	39.2	38.8	39.3	1 39.2	38.9
District of Columbia 2	40.2	40.4	40.0			40.0	40.2	40.8	40.0
Virginia	41.5	41.6	40.8	41.1 40.1	41.0 40.2	39.8	39.6	40.0	40.0
West Virginia	40.4	40.5	40.0	40.4	40.2	38.0	38.0	40.0	40.0
Region IV· North Carolina	41.3	41.4	40.3	40.4	40.4	39.5	40.0	40.7	40.
	41.9	42.0	40.9	41.1	41.2	40.2	40.9	41.4	40.
South Carolina	41.1	41.2	40.6	40.8	41.0	39.8	40.4	41.0	40.
Georgia	42.3	42.5	42.2	41.5	41.5	41. i	40.8	41.2	41.
Florida		40.9	39.9	40.4	40.1	39.4	39.2	40.4	40.
Kentucky	41.0		· 1		i		40.1	40.6	40.
Tennessee	40.8	40.8	40.1	40.4	40.4	39.9		_	41.0
Alabama	41.8	41.7	40.9	41.3	41.1	140.3	40.9	41.0 41.1	40.
Mississippi	41.2	41.5	40.7	41.0	40.8	40.2	40.4	•• 1. *	40.
Region V:		40.4	41.5	41.8	41.9	40.6	40 7	41.6	42.
Ohio,	42.2	42.4	41.5		40.9	40.0	40.1	1 41.1	41.
Indiana	41.7	41.9	40.7	41.1			40.1	41.0	41.
Illinois	41.4	41.7	40.8	40.8	41.0	40.3		42.8	43.
Michigan	44.6	43.3	42.0	43.3	42.0	40.6	41.0	1 41.3	41
Wisconsin	41.7	42.0 41.5	41.2	41.1 41.2	41.4 41.2	40.4 40.0	40.5 39.8	1 40.7	41.
Minnesota	41.2	41.5	41.2	71.2	41.2	40.0	00.0	40.,	
Region VI.	410	41.4	40.3	40.2	40.4	39.8	39.9	1 40.2	39.
Arkansas	41.0	· ·		41.9	41.8	41.8	42.0	1 42.3	41.
Louisiana	42.3	42.5	42.2	40.9	41.1	40.8	40.3	40.5	40.
Oklahoma	42.0	41.7	40.9		t	40.8	40.3	41.0	41.
Texas	41.9	42.0 40.1	41.8 40.3	41.6 40.5	41.4 39.7	39.0	39.4	40.1	39.
New Mexico	40.6	40.1	40.3	40.5	38.7	00.0	00.4		
Region VII:	40.7	41.2	40.9	40.4	40.1	39.7	39.9	40.5	40.
'owa	40.7	40.7	40.3	40.1	39.8	39.3	39.4	1 39.8	39.
Missouri	43.1	43.1	42.2	42.7	42.9	42.0	41.7	1 41.7	41.
Nebraska	43.1	40.1	42.2	42.1		-			-
						 	<u> </u>		₹ I
Region VIII:	42.5	42.2	40.6	39.1	39.9	40.7	40.7	1 40.2	40.
North Dakota			45.9	45.1	43.4	44.6	44.0	1 43.3	42.
South Dakota	43.8	45.6			1	40.0	39.8	1 40.3	39.
Montana	41.0	40.6	39.6	40.9	40.3	38.7	39.8	1 38.6	38.
Wyoming	37.9	38.5	39.5	38.6	39.0	36.7	39.0	30.0	30.
Colorado	40.3	40.6	40.1	40.2	39.6	339.1	39 3	1 38.5	38
Utah	₹0.3	40.0	70.1	70.2	00.3	33.1	55.5		
Region IX.  Arizona	41,1	41.5	40.9	40.9	40.7	40.0	40.4	1 40.5	39.
Nevada	39.9	40.4	39.7	39.1	39.8	39.3	39 8	140.2	40.
	40.6	40.8	40.4	40.3	40.3	39.6	39.5	40.1	40.
California	39.3	40.8	39.2	40.1	39.6	40.0	39.8	1 39.5	39.
Region X			 		1				1
Idaho	40.0	40.7	39 5	39.9	38.9	38.9	39 0	1 39.4	38
Washington	39.5	39.7	39.5	39.7	39.5	39.1	39 1	1 39.6	39.
readinguis a commercial of			39.0	39.6	1	38.8	38.8	1 39 4	39
Oregon	39 8	39.6	( 391.0	33.0	39.1	30.0	1 30.0	00.4	



Table 84. Average weekly hours of production workers on manufacturing payrolls by State, selected years, 1948-82—Continued

Region and State	1974	1975	1978	1977	1978	1979	1980	1981	1982
Region I:									
Maine	40.3	39.9	39.9	39.8	40.2	40.1	40.0	40.4	40.
New Hampshire		39.1	39.6	40.0	40.3	40.1	39.8	39.9	39.
Vermont	41.1	40.4	41.0	40.8	41.0	40.8	40.6	40.0	39.
Massachusetts		39.1	39.7	39.9	40.2	40.1	39.6	40.0	39
Rhode Island		38.9	39.5	39.1	38.9	39.1	39.3	39.3	38.
Connecticut	3 1	40.5	40.8	41.5	42.0	42.0	41.8	41.6	40.
Jesin- II.									
Region II:	20.4	00.0	00.4	00.0	00.0	00.6	00.4	39.4	38.
New York New Jersey		38.9 39.9	39.4 40.4	39.6 41.1	39.8 40.8	39.6 41.2	39.4 40.7	40.6	40
•	40.7	35.5	40.4	•• 1.1	40.6	71.2	40.7	40.6	40
Region III:							00.0		
Pennsylvania	1 1	38.8	39.2	39.5	40.0	39.9	38.8	39.2	38
Delaware		39.3	40.0	39.8	40.0	39.5	40.5	40.3	38
Maryland		39.1	39.6	39.9	39.9	40.0	39.8	39.9	
District of Columbia *	1	38.5	38.8	38.4	<sup>a</sup> 39.1	³39.2	39.3	39.2	
Virginia		39.2	39.9	39.9	39.8	39.7	39.3	39.7	38
West Virginia	39.6	39.0	39.2	39.5	39.8	39.6	39.2	39.4	38
legion IV:									
North Carolina	39.1	38.4	39.4	39.6	39.8	39.6	39.3	39.1	
South Carolina		39.4	40.4	40.8	40.8	40.8	40.3	40.4	31
Georgia		39.5	40.1	40.5	40.1	39.4	40.2	40.1	38
Florida	i i	40.0	40.4	40.7	40.9	40.5	40.8	40.6	31
Kentucky		38.7	39.4	39.5	39.8	39.4	39.1	39.3	31
		39.8	40.3	40.2	39.8	39.7	39.7	39.9	38
Tennessee			ľ	40.2				39.9	38
Alabama		39.5	40.6	1	40.6	40.7	40.1		36
Mississippi	39.3	39.3	40.0	40.1	39.9	39. <b>6</b>	39.3	39.3	36
Region V:									
Ohio	41.2	40.3	41.4	42.0	42.1	41.5	40.6	40.9	40
Indiana	40.6	39.8	40.6	41.2	41.2	40.5	39.8	40.1	38
Illinois	40.4	39.7	40.4	40.6	40.1	40.7	39.8	40.0	
Michigan		40.8	1 42.7	43.3	43.0	41.2	40.1	40.5	40
Wisconsin	41.1	40.4	40.8	40.6	41.0	40.9	40.2	40.1	38
Minnesota		39.2	39.8	40.0	40.2	40.0	39.4	39.4	39
Region VI:							•		
Arkansas	39.2	38.8	39.6	39.7	39.3	39.6	39.3	39.4	38
Louisiana		42.8	41.3	41.8	41.6	41.3	41.2	42.2	41
Oklahoma		40.0	40.3	40.4	40.2	40.5	40.1	40.1	38
Texas		40.6	140.9	41.1	41.3	41.1	41.2	41.3	40
New Maxico		39.0	39.5	38.8	39.2	39.5	39.8	39.5	38
	00.4	00.0	00.0	50.0	00.2	00.0			
Region VII:	40.5	39.7	139.9	40.4	40.4	40.5	39.8	39.5	38
lowa	40.5			40.1	40.1			40.3	
Missouri		39.0	39.8	40.2	40.0	39.5	39.2		38
NebraskaKansas		40.5	41.1	40.6	41.1	41.3 40.7	40.8 40.4	40.3 40.4	39 38
		_	-	_		40.7	40.4	70.7	50
Region VIII:						20.4	07.5	00.4	0.7
North Dakota		39.9	39.1	36.6	39.7	39.1	37.5	38.1	37
South Dakota		40.7	39.9	39.3	41.7	41.9	40.9	41.6	41
Montana	36.8	38.0	39.8	41.8	42.7	42.9	43.2	41.0	39
Wyoming		38.3	40.2	39.8	38.8	37.6	38.9	40.0	37
Colorado		-	!	39.4	39.3	39.5	39.8	39.8	38
Utah		38.1	39.2	40.0	39.5	39.0	39.1	39.7	38
Region IX:									
Anzona	39.2	39.0	39.5	40.1	40.3	40.6	40.1	39.6	38
Nevada		38.2	38.9	38.8	38.5	38.5	38.2	36.6	37
California		39.4	39.7	40.1	40.1	39.9	39.5	39.6	39
Hawaii		39.1	39.0	38.0	38.6	38.3	37.8	38.5	37
	33.4	30.1	30.0	30.0	50.0	55.5	57.5	33.3	٥,
Region X:						00.0	074	07.0	00
Idaho		38.8	38.7	39.3	38.8	38.3	37 1	37.8	36
Washington	, ,	38.7	39.1	39 2	39.3	38.6	38.4	38.8	38
Oregon		38.4	38.9	38.6	39.0	38.5	38.1	37.5	37
Alaska	40.5	36.6	40.5	43.3	42.4	43.9	42.7	40.0	

<sup>&</sup>lt;sup>1</sup>Beginning with this year, data are based on the 1972 Standard Industrial Classification Manual.

Data are based on 1972 SIC Manual unless otherwise noted.



<sup>&</sup>lt;sup>2</sup> Data relate to the Washington, D.C., SMSA.

<sup>&</sup>lt;sup>3</sup> Data are not strictly comparable with prior years. Note: Dash indicates data are not available.

Table 85. Average hourly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry division, selected years, 1932–82

				N	lanufacturi	ng	Manufac-	Transpor-	Wholes	ale and rete	all trade	Fi- nance,	
Year	Total Private	Mining	Construc- tion	Total	Durable goods	Nondur- able goods	turing excluding overtime	tation and public utilities	Total	Whole- sale	Retail	insur- ance, and real estate <sup>2</sup>	Serv ices
932	_	_	_	\$0.441	\$0.492	\$0.412	_	_	_	_		_	1
935	_	_		.544	.571	.520			_	\$0.610		-	
940		_	_	.655	.716	.590	<b>-</b>	i i	_	.711	_	<b>I</b> — I	l
945	_	_	l <u> </u>	1.016	1.099	.886	3 <b>\$</b> 0.949		_	.990	_		
950	\$1.335	\$1.772	\$1.863	1.439	1.517	1.347	1.39		\$1,100	1.427	\$0.983	\$1.340	ı
955		2.20	2.45	1.85	1.99	1.67	1.79	_	1.40	1.83	1.25	1.70	
960	2.09	2.60	3.07	2.26	2.42	2.05	4 2.19		1.71	2.24	1.52	2.02	
961		2.64	3.20	2.32	2.48	2.11	2.25		1.76	2.31	1.56	2.09	ļ
962	2.22	2.70	3.31	2.39	2.56	2.17	2.31		1.83	2.37	1.63	2.17	ŀ
963	2.28	2.75	3.41	2.45	2.63	2.22	2.37	_	1.89	2.45	1.68	2.25	1
964	2.36	2.81	3.55	2.53	2.70	2.29	2.43	\$2.89	1.97	2.52	1.75	2.30	\$1
965	2.46	2.92	3.70	2.61	2.79	2.36	2.50	3.03	2.04	2.61	1 82	2.39	2
966		3.05	3.89	2.71	2.89	2.45	2.59	3.11	2.14	2.73	1.91	2.47	2
967	2.68	3.19	4.11	2.82	3.00	2.57	2.71	3.23	2.25	2.88	2.01	2.58	2
968	2.85	3.35	4.41	3.01	3.19	2.74	2.88	3.42	2.41	3.05	2.16	2.75	2
969	3.04	3.60	4.79	3.19	3.38	2.91	3.05	3.63	2.58	3.23	2.30	2.93	2
970	3.23	3.85	5.24	3.35	3.55	3.08	3.23	ა.85	2.72	3.44	2.44	3.07	2
971	3.45	4.06	5.69	3.57	3.80	3.27	3.45	4.21	2.88	3.65	2.60	3.22	3
972		4.44	6.06	3.82	4.07	3.48	3.66	4.65	3.05	3.85	2.75		3
973	3.94	4.75	6.41	4.09	4.35	3.70	3.91	5.02	3.23	4.08	2.91	3.53	3
974	4.24	5.23	6.81	4.42	4.70	4.01	4.25	5.41	3.48	1.39	3.14	7.77	3
975	4.53	5.95	7.31	4.83	5.15	4.37	4.67	5.88	3.73	4.73	3.36	4.06	4
976	4.86	6.46	7.71	5.22	5.58	4.70	5.02	6.45	3.97	5.03	3.57	4.27	4
977	5.25	6.94	8.10	5.68	6.06	5.11	5.44	6.99	4.28	5.39	3.85	4.54	4
978	5.69	7.67	8.66	6.17	6.58	5.53	5.91	7.57	4.67	5.88	4.20	4.89	4
979	6.16	8.49	9.27	6.70	7.13	6.01	6.43	8.16	5.06	6.39	4.53	5.27	5
980		9.17	9.94	7.27	7.75	6.55	7.02	8.87	5.48	6.96	4.88	5.79	5
981		10.04	10.82	7.99	8.54	7.18	7.72	9.70	5.92	7.58	5.25	6.31	6
962	7.67	10.76	11.62	8.50	9.06	7.73	8.25	10.30	6.21	8.02	5.07	6.78	€

<sup>&</sup>lt;sup>1</sup> Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

\* Prior to January 1958, data were based on the application of adjustment factors to gross average hourly earnings. (For a detailed description, see the *Monthly Labor Review*, May 1950, pp. 537-40; reprint available, serial No. R2020.)

NOTE: Data include Alaska and Hawaii beginning in 1959. Dash indicates data are not available.



<sup>&</sup>lt;sup>2</sup> Excludes data on nonoffice salespersons.

<sup>3 11-</sup>month average.

Table 86. Hourly Earnings index for production or nonsupervisory workers on private nonfarm payrolls by industry division, 1964-82 [1977 = 100]

Year 19641965	Cúrrent dollars	1977	Current 1977 dollars		Current 1077 dollars		C				1		1		
		1077	dollars	dollar		1977 d	ioliars 		rent lars	1977	dollars		rrent llars	1977	dollar
	4	1.8	87.5		41.0		80.0		44.5		87.0		45.2		88.
		3.4	89.0	1	42.8		81.8		48.2		87.4	1	46.3	1	88.
1966		3.4	90.3		44.7		83.3		48.6		90.7	İ	47.9		89.
1967		9.6	92.2		48.8		84.5		51.4	1	93.3	1	50.1		91
1968		3.9	94.0		49.0		85.4		55.1	1	96.0	i	53.2	1	92
1969	5	7.5	95.0		52.7		87.2		59.9		98.9		56.3		93
1970	8	.3	95.7		55.8		87.1		65.4		102.0		59.9		93
1971		5.7	98.3		59.0		88.4	ļ	71.0	Ì	106.?		83.8		95
1972		0.8	101.2		63.7		92.3	1	75.1	j	108.8		87.8	1	98
1973		1.1	101.1	1	68.5		93.5	j	79.2		108.1	1	71.9	1	98
1974		0.0	98.3	1	75.9		93.3		84.2		103.4		78.1		96
1975	R	3.7	97.8		85.4		96.1		90.3		101.7		85.9		96
1976		2.9	99.0		92.5									į	
1977			100.0	1			98.6	[	95.1		101.3		92.5		98
1978				1	00.0		100.0		100.0	İ	100.0		100.0	1	100
1979			100.5		12.2		104.3		106.7		99.2		108.3		100
19/9	110	0.0	97.4	12	22.9		102.5		114,1		95.2		117.8		98
1980	12	'. <b>3</b>	93.5	1:	34.2		98.8		121.9	1	898		129.4		95
1981	130	1.9	92.8	14	48.2		98.8	į	132.0		86.0	i	141.9	i	94.
1982			93.3		59.0		100.0		141.1		88.7		152.5		95.
		Transportation and public utilities			Wholesale and retail trade			Fina	nce, ins		, and		Serv	ices	
	Current dollars	1977	dollars	Currer		1977 d	ollars	Cur		1977	dollars	Cur	rent lars	1977	doilar
		<del>                                     </del>				-									
1964	1	.7	81.4	4	45.9		89.6		49.3		96.4		43.4	ĺ	84.
1965		.7	83.9	4	47.7		91.6		51.2		98.2	l	44.8	l	85.
1966	45	.0	84.0		50.0		93.2		53.1		99.1		47.9	i	89.
1967		.9	85.1		52.7		95.7		55.3		100.4	1	50.5	i	91.
1968	49	.3	85.9		56.4		98.2		58.5		102.0	i	53.4	Í	93.
1969		.4	86.8	•	во.о		99.2		62.1		102.8		57.4	İ	94
1970	55	.8	86.7	6	83.7		99.4		85.8		102.8		81.5	1	95.
1971			91.0		87.5		101.1		69.8		104 5	1	66.2	1	99.
972			96.7		71.1		103.0		73.1		105.9		70.6	l	102
1973			98.1	l .	75.2		102.8		77.1		105.2		74.9		102.
1974			95.2		81.2		99.8		82.9		101.9	ĺ	80.7		99.
1975	84	а	94.9	£	87.3		98.3		89.2		100.4		86.5		97.
I \$78			98.2		92.9		98.9		94.0		100.1	1	92.9	ĺ	98.
1977			100.0		00.0		100.0		100.0		100.0	1	100.0	1	100.
978		1	100.8		09.1		101.4		107.8		100.0	1	107.4	1	99.
1979			97.4		18.0		98.4		116.0		96.7	ĺ	115.1		96.
1980	127	2	93.5	10	27.8		93.9		127.0		93.3	ĺ	125.5		92.
981	1		92.9		27.6 38.1		92.0		138.1		92.0	1	137.3	l	91.
1982	1		93.5		45.0		91.2		148.3		93.3	ļ	147.6		92.
¹ Prior data as follows:		1						<u> </u>							,
1		49   1950	1951	1952 1	953	1954	1955	1956	1957	1958	1959	1960	1961	1962	196
		1	<u> </u>							=				_	
1		1.5 24.5 2.3 64.0	27.3 83.6	I I	30.3 <b>68</b> .7	31.3 70.5	32.4 73.3	34.0 75.9	35.7 78.9	37.2 78.0	38.5 80.0	39.8 81.4	41.0 83.0	42.4 85.0	43.0 86.3





Table 87. Average hourly earnings of production workers on manufacturing payrolls by major industry group, selected years, 1947-82

1				-		Durable	e goods				
Year i	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass products	Primary metal indus- tries	Fabri- cated metal products	Machinery, except electrical	Electric and electron ic equip- ment	Transporta- tion equipment	instruments and related products	Miscella- neous manufactur- ing industries
1947	\$1.276	\$1.089	\$1.097	<b>\$</b> 1.194	\$1.388	\$1.264	\$1.344	\$1.246	\$1.435	\$1.1 <b>97</b>	\$1.105
1950	1.517	1.297	1.281	1.437	1.647	1.518	1.600	1 443	1.722		1.275
1955	1.99	1.62	1.62	1.86	2.24	1.96	2.08	1.84	2.21	1.87	
 1960	2.42	1.89	: , 1.88	2.28	2.81	2.43	2 55	2.28	2.74	2.31	!   1.89
1961	2.48	1.95	1.91	2.34	2.90	2.49	2.62	•	i 2.80	2.38	1.92
1962	2.56	1.99	1.95	2.41	2.98	2.55	2.71	2.40		2.44	1.98
1963		2.04	2.00	2.48	3.04	2.61	2.78	2 46	3.01	2.49	2.03
1964	2.70	2.11	2.05	2.53	3.11	2.68	2.87	2.51	3.09	2.54	2.08
! 1 <b>965</b>	2.79	2.17	2.12	2.62	3.18	2.76	2.96	! ! 2.58	; 3.21	2. <b>62</b>	2.14
1966	2.89	2.25	2.21	2.72	3.28	2.88	3.09	2 65	3.33		2.22
1967		2.37	j 2.33	2.82	3.34	2.98	3 19	2 77	3.44	2.85	2.35
1968	3.19	2.57	1	2.99	3.55	3.16	3.36	2. <b>9</b> 3	3.69	2.98	2.50
1969		2.74	2.62	3.19	3.79	3.34	3.58	3.09	3.89	3,15	2.66
1970	3.55	2.96	2.77	3.40	3 93	3.53	3.77	3.28	i 4.06	3.34	: 2.83
1971	3.80	3.17	2.90	3.67	4.23	3.77	4.02	3.49	4.45	3.50	2.97
1972	4.07	3.33	3.08	3.94	4.66	4.04	4.32	3.71	4.81	3.66	3.11
1973		3.61			5.04	4.29	4.60	3.91		3.83	3.29
1974		3.89	3.53	4.54	5.60	4.61	4.94	4.21	5.54	4.11	3.53
1975	5.15	4.26	3.78	4.92	6.18	5.05	5.37	4.64	6.07	4.53	   3.81
1976		4.72	3.99	5.33	6.77	5.49	5.79	4.96	6.62	4.93	4.04
1977	6.06	5.10	4.34	5.81	7.40	5 9 1	6.26	5.39	7.29		4.36
1978		5.60	4.68	6.33	8.20	6.35	6.78	5.82	7.91	5 71	4.69
1979	7.13	6.07	5.06	6.85	8.98	6.85	7.32	6.32	8.53	6.17	5.03
1980	7.75	6.55	5.49	7.50	9.77	7.45	8 00	6.94	9.35	6.80	5.46
1981	8.54		5.91	,	10.81	8.19	8 81	7 62	10.39	7.42	5.97
1982	9.06	7.46	•			1	•		l	8.10	6. <b>4</b> 3



Table 87. Average hourly earnings of production workers on manufacturing payrolls by major industry group, selected years, 1947-82—Continued

					1	londurable g	oods				
Year	Total	Food and kindred products	Tobacco manufac- tures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publish- ing	Chemicals and allied products	Petro- leum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
947	\$1.145	\$1.063	\$0.904	\$1.035	<b>\$</b> 1.161	<b>\$</b> 1.153	<b>\$</b> 1,475	\$1.220	\$1.501	1 \$1.299	\$1.03
950	1.347	1.262	1.076	1.227	1.239	1.398	1.831	<sup>1</sup> 1.496	1.841	1.472	1.16
955	1.67		1.34	1.38	1.37	1.81	2.26	1.97	2.37	1.96	1.3
960	2 05	2.11	1.70	1 1.61	1.59	2.26	2.68	i 2.50	2.89	2.32	1.6
961	2.11	2.17	1.78	1.63	1.64	2.34	2.75	2.58	3.01	2.38	1.6
962	2 17	2.24		1.68	1.89		2.82	2.65	3.05	2.44	1.7
963	2.22	2.30		1.71	1.73	2.48	2.89	2.72	3.16	2.47	1.7
964	2.29	2 37	1.95	1.79	1.79	2.56	2.97	2.80	3.20	2.54	1.8
965	2.36	2.44	2.09	187	1.83	2.65	3.06	2.89	3.28	2.61	1.8
966	2 45	2.52	2.19	1.96	1.89	2.75	3.18	2.98	3.41	2.67	i 1.9
967	2.57	2.64		2.06	2.03		3.28	3.10	3.58	2.75	2.0
968	2.74	2.80 .	2.48	i 2.21	2.21	3.05	3.48	3.26	3.75	2.92	2.2
969	2.91	2.96	2.62	2.35	2.31	3.24	3.69	3.47	4.00	3.07	2.3
	3 08	; , 3.16	2.91	! ; 2.45	2.39	3.44	3.92	3.69	4.28	3.20	2.4
971	3.27		3.16	2.57	2.49	3.67	4.20	3.97	4.57	3.39	2.5
972	3 48	3.60	3 47	2.75	2.60		4.51	4.26	4.96	3.61	2.6
973	3.70		3.76	2.95	2.76	4.20	4.75	4.51	5.28	3.81	2.7
974	4.01		4.12	3.20	2.97	4.53	5.03	4.88	5.68	4.06	2.9
975	4.37	4.61	4.55	3.42	3.17	5.01	5.38	5.39	6.48	4.39	3.2
976	4.70	4.98	4.98	3.69	3.40	5.47	5.71	5.91	7.21	4.66	3.4
977	5.11	5.37	5.54		3.62	5.96	6.12	6.43	7.83	5.17	3.6
1978	5.53	5.80	6.13	4.30	3.94	6.52	6.51	7.02	8.63	5.52	3.8
1979	6.01	6.27	6.67	4.66	4.23	7.13	6.94	7.60	9.36	5.97	4.2
1980	6.55	6.85	7.74	5.07	4.56	7.84	7.53	8.30	10.10	6.52	4.5
981	7 18	7.44	8.88	5.52	4.97	8.60	8.19	9.12	11.38	7.17	4.9
1982	7.73	7.89	9.78	5.83	5.20		8.75	9.96	12.46	7.65	5.3

NOTE. Data include Alaska and Hawaii beginning in 1959.



Table 88. Average hourly earnings excluding overtime<sup>1</sup> of production workers on manufacturing payrolls by major industry group, selected years, 1941-82

	Durable goods														
Year	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass products	Primary metal indus- tries	Fabri- cated metal products	Machinery, except electrical	Electric and electronic equip- ment	Transporta- tion equipment	instruments and related products	Miscella- neous manufactur- ing industries				
941	\$0.762	<u> </u>	_	_	_	_	_	i -			_				
945 2	1.031	· _			_	l –	i —	į —	_		<del>-</del>				
950	1.46	;				l –	i	i —	<u> </u>		-				
955	1.91	-	_	_	-	_	-	_		_	-				
960	2.35	i \$1.83	\$1.82	\$2.20	\$2.75	\$2.36	\$2.47	\$2.22	\$2 65	\$2,25	\$1.8				
961	2.41	1.88	1.86	2.25	2.84	2.41	2.54	2.29	2.72	2.32	1.8				
962	2.47	1.91	1.89	2.31	2.90	2.46	2.61	2.34	2.80	2.37	1.9				
963	2.54	1.96	1.93	2.37	2.94	2.51	2.68	2.40	2.89	2.42	1.9				
964	2.60	2.03	1.97	2.42	2.99	2.57	2.75	2.44	2.96	2.47	2.0				
965	2.66	2.08	2.03	2.49	3.04	2.84	2.80	2.49	3.04	2.53	2.0				
96€	2.75	2.14	2.11	2.58	3.13	2.73	2 90	2 54	3 1 5	2.61	2.1				
967	2.87	2.26	2.24	2.68	3.21	2.85	3.03	2.69	3.29	2.75	2.2				
968	3.05	2.45	2.38	2.84	3.40	3.01	3.21	2.84	3.50	2.89	2.4				
969	3.23	2.61	2.52	3.01	3.61	3.18	3.40	2.98	3.72	3.04	2.5				
970	3.42	2.84	i 2.69	3.24	3.79	3.39	3.63	3.19	3.92	3.25	2.7				
971	3.67	3 03	2.81	3.49	4.08	3.64	3 89	3.40	4.29	3.41	2.8				
972	3.90	3.18	2.97	3.73	4.47	3.88	4 14	3.59	4.57	j 3.54	3.0				
973	4.14	3.44	3.16	3.98	4.79	4.09	4.36	3.77	4.86	3.69	i 3.1				
974	4.51	3.73	3.42	4.31	5.35	4.42	4.70	4.08	5.32	3.98	3.4				
1975	4.99	4.11	3.69	4.71	5.98	4.89	5.19	4 54	5.87	4.43	3.7				
976	5.37	4 52	1	5.08	6.51	5.28	5.56	4.82	6.31	4.79	3.9				
977	5.80	4.87	4.21	5.51	7.08	5.66	5.97	5.22	6.88	5.14	4.2				
978	6.29	5.35	4.52	5.98	7.81	6.07	6.45	5.63	7.47	5 54	4.5				
979	6.83	5.81	4.92	8.49	8.57	6.57	6.99	6.11	8.12	5.98	4.8				
980	7.49	6.32	5.37	7.17	9.44	7.20	7.68	6.75	8.99	6 61	5.3				
981	8.25	6.77		7.90			8.48	7.42	10.00	7 22					
982	8.81	7.24	6.19					8.03		7.94	6.2				

See footnotes at end of table.



2.0

Table 88. Average hourly earnings excluding overtime <sup>1</sup> of production workers on manufacturing payrolls by major industry group, selected years, 1941-82—Continued

İ					1	londurable g	oods				
Year	Total	Food and kindred products	Tobacco manufac- tures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publish- ing	Chemicals and allied products	Petro- leum and coal products	Rubber and miscellaneous plastics products	Leather and leather products
941	\$0.613				!		-	· ·		· ·	_
945 2	.841	! <u> </u>	_				_			gusts	_
950	1.31				:	·				· _	
955	1.62				: =	:	_		,	· :	_
333	1.02	! !	_			!					
960	1.99	\$2.02	\$1.68	\$1.56	\$1.57	\$2.15	_	\$2 43	\$2.82	\$2.25	\$1.6
961	2.05	2.09	1.75	1.58	1.62	2.22	_	2.51	2.94	2.30	1.6
962	2.09	2.15	1.83	1.62	1.66	2.29		2 57	2 97	2.35	1.6
963	2.15	2.21	1.88	1.65	1.70	2.36	_	2 64	3 07	≥ 38	1.7
964	2.21	2.27	1.91	1.71	1.76	2.43		2.72	3 11	2 44	1.7
965	2.27	2.33	2.06	1.78	1.79	2.50	-	2.79	3.18	2.49	1.8
966	2.35	2.40	2.15	1.87	1.85	2.59		2 87	3.29		1.8
967	2.47	2.52	2.22	1.97	1.99	2.71	_	3.00	3.43	2.62	2.0
968	2.63	2.66	2.43	2.10	2.17	2.87	-	j 3.14	3.60	2.78	2.1
969	2.79	2.82	2.57	2.24	2.26	3.05		3.33	3.83	2.92	2.3
970	2.97	3.01	2.85	2.36	2.35	3.26		3.56	4.09		2.4
971	3.15	3.23	3.09	2.46	2.44	3.48	-		1 4.38		2.5
972	3.34	3.43	3.40	2.61	2.54	3.73	\$4.34	4.10	4.75	3.44	2.6
973	3.54	3.67	3.65	2.80	2.71	3.97	4.57	4.33	5.05	3.63	2.7
974	3.86	3.99	4.01	3.07	2.93	4.30	4.85	4.69	5. <b>43</b>	3.90	2.9
975	4.22	4.40	4.43	3.29	3.12	4.78	5.22	5 22	6.25	4.24	3,1
976	4.53	4.74	4.89	3.54	3.35	5.18	5.52	5.69	6.93	4.47	3.3
977	4.91	5.11	5.40	3.82	3.56	5.64	5.90	6.18	7.48	4.95	3.5
978	5.32	5.53	5.96	4.11	3.87	6.16	6.26	6.73	8.23	5.28	3.8
979	5.78	5.97	6.55	4.47	4.17	6.75	6.69	7.30	8.92	5.76	4.1
980	6.32	6.54	7.57	4.88	4.50	7.46	7.28	8.00	₽.67		4.4
981	6.94	7.10	8.66	5.32	4.90	8.17		8.77			4.9
982	7.49	7.55	9.61	5.87	5.13	8.89	8.49	9.64	11.93	7.41	5.2

<sup>&</sup>lt;sup>1</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half.

NOTE: Dash indicates data are not available.



<sup>&</sup>lt;sup>2</sup> 11-month average.

Table 89. Average weekly earnings of production or nonsupervisory workers<sup>1</sup> on private non-agricultural payrolls by industry division, selected years, 1922–82

				M	anufacturi	ng	j	Wholese	ale and ret	ail trade	Fi- nance.	
Year	Total private	Mining	Con- struction	Totai	Dura- ble goods	Non- durabie goods	Trans- portation and public utilities	Total	Whole- sale	Retail	insur- ance, and real es- tate 2	Ser ice
322		_		<b>\$</b> 21,28		_	Ţ <u></u>	_	_		_	
925		_	_	24.11	\$26.02	\$21.99	i -	l	_	_	_	
930		-	_	23.00	24.42	21.40	-	_	_	-	·—	
935		_	_	19.91	21.24	18.77	_	_	\$25.38	_	_	
340			_	24.96	28.07	21.83	_	_	29.36		_	
)45		-	_	44.20	48.36	37.48	_	_	42.37		_	
950	<b>\$53.13</b>	\$67.16	\$69.68	58.28	62.35	53.44	-	\$44.55	58.08	\$39.71	\$50.52	
955	67.72	89.54	90.90	75.30	62.19	66.63	_	55.16	74.48	48.75	63.92	
160	80.67	105.04	112.67	89.72	97.04	80.36	_	66.01	90.72	57.76	75.14	
61		106.92	118.08	92.34	99.94	82.92	-	67.41	93.58	58.66	77.12	
62	85.91	110.70	122.47	96.56	104.70	86.15	-	69.91	96.22	60.96	80.94	
63		114.40	127.19	99.23	108.09	87.91	_	72.01	99.47	62.66	84.38	
)64	91.33	117.74	132.06	102.97	112.05	90.91	\$118.78	74.66	102.56	64.75	85.79	\$70
65		123.52	138.38	107.53	117.18	94.64	125.14	76.91	106.49	66.61	68.91	73
66		130.24	146.26	112.19	121.96	98.49	128.13	79.39	111.11	68.57	92.13	7
67		135.89	154.95	114.49	123.60	102.03	130.82	82.35	116.06	70. <b>95</b>	95.72	84
68	107.73	142.71	164.49	122.51	132.07	109.05	138.85	87.00	122.31	74.95	101.75	8:
69	114.61	154.80	181.54	129.51	139.59	115.53	147.74	91.39	129.85	78.66	1 <b>08</b> .70	90
70		164.40	195.45	133.33	143.07	120.43	155.93	96.02	137.26	82.47	112.67	91
71		172.14	211.67	142.44	153.14	128.51	168.82	101.09	144.18	87.62	117.85	10
72		189.14	221.19	154.71	167.68	138.18	187.86	106.45	151.69	91.85	122.98	110
073		201.40	235.89	166.46	180.53	146.52	203.31	111.76	160.34	96.32 102.68	129.20 137.61	111
774	154.76	219.14	249.25	176.80	191.29	156.79	217.48	119.02	170.33	102.00	137.01	121
)75		249.31	266.08	190.79	205.49	169.56	233.44	126.45	183.05	108.86	148.19	134
76		273.90	283.73	209.32	22 <del>6</del> .55	185.18	256.71	133.79	194.66	114.60	155.43	14
77		301.20	295.85	228.90	248.46	201.33	278.90	142.52	209.13	121.66	165.26	15
78	203.70	332.88	318.69	249.27	270.44	217.88	302.80	153.64	228.14	130.20	178.00	16
79	219.91	365.07	342.99	269.34	290.90	238.19	325.58	164.96	247.93	138.62	190.77	17
80		397.06	367.78	288.62	310.78	255.45	351.25	176.46	267.96	147.38	209.60	19
81		438.75	399.26	318.00	343.31	280.74	382.18	190.62	291.08	158.03	229.05	20
82	266.92	459.23	426.45	330.65	356.06	296.83	401.70	198.10	307.97	163.55	245.44	22

Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

NOTE: Data include Alaska and Hawaii beginning in 1959. Dash indicates data are not available.



<sup>\*</sup> Excludes data on nonoffice salespersons.

Table 90. Average weekly earnings of production workers on manufacturing payrolls by major industry group, selected years, 1947-82

	Durable goods														
Year	Total	Lumber and wood products	Furniture and fixtures	Stone, clay, and glass products	Primary metal indus- triec	Fabricated metal products	Machin- ery, except electrical	Electric and electronic equipment	Transporta- tion equipment	Instruments and related products	Miscella- neous manufactur- ing industries				
1947	<b>\$</b> 51.68	\$43.89	<b>\$</b> 45.53	<b>\$</b> 48.95	<b>\$</b> 55.38	\$51,70	<b>\$</b> 55.78	\$50.21	<b>\$</b> 58.97	<b>\$</b> 48.36	\$44.7				
1950	62.35	51.23	53.55	59.06	67.36	63.00	67.04	59.31	71.29	59.80	52.02				
1955	82.19	63.99	67.07	77.00	92.51	81.73	87.38	74.89	93.48	76.48	64.88				
1960	97.04	73.71	75.20	92.57	109.59	98.42	104.55	90.74	111.52	93.32	74.28				
1961	99.94	77.03	76.40	95.24	114.55	100.85	107.42	94.47	113.40	96.87	75.84				
ទេ62	104.70	79.20	79.37	98.81	119.80	104.81	113.01	97.44	122.22	99.80	78.8°				
1963	108.09	81.80	81.80	102.87	124.64	107.79	118.20	99.14	128.42	101.59	80.39				
1964	112.05	85.24	84.46	105.50	129.89	111.78	121.89	101.66	130.09	103.83	82.37				
1965	117.18	88.75	87.98	110.04	133.88	116.20	127.58	105.78	137.71	108.47	85.39				
1966	121.96	91.80	91.72	114.24	138.09	122.11	135.34	109.18	141.88	114.93	88.80				
1967	123.60	95.27	94.13	117.31	137.27	123.67	135.89	111.35	142.42	117.42	92.59				
1968	132.07	104.34	100.28	124.98	147.68	131.77	141.48	118.08	155.72	120.89	98.50				
1969	139.59	110.15	105.85	133.66	158.42	138.94	152.15	124.84	181.44	128.21	103.74				
1970	143.07	118.92	108.58	140.08	158.77	143.87	154.95	130.54	183.82	134.27	109.5				
1971	153.14	126.17	115.42	152.87	189.82	152.31	163.21	139.25	181,12	139.30	115.53				
1972	187.68	134.53	123.82	185.87	192.92	166.45	181.87	149.88	200.58	148.60	122.85				
1973	180.53	144.04	131.60	178.82	213.19	178.48	196.88	157.96	218.82	156.85	128.31				
1974	191.29	152.49	138.02	187.50	232. <del>96</del>	188.09	207.97	187.14	224.37	166.04	136.61				
1975	205.49	164.86	143.64	198.77	247.20	202.51	219.10	183.28	245.23	178.94	146.89				
1976	226.55	188.33	154.81	219.06	278.22	223.99	238.55	198.40	278.05	198.68	156.75				
1977	248.48	202.98	189.26	239.95	305.82	242.31	259.79	217.78	309.40	214.77	189.17				
1978	270.44	222.88	183.92	263.33	342.78	2 <del>6</del> 0.35	285.44	234.55	333.80	233.54	181.97				
1979	290.50	239.18	195.82	284.28	371.77	278.80	305. <b>98</b>	254.70	350.58	251 74	195.18				
1980	310.78	252.18	209.17	306.00	391.78	300.98	328.00	278.21	379.81	275.40	211.30				
1981	343.31	270.51	228.94	335.76	437.81	330.06	360.33	304.80	424.95	299.77	231.64				
1982	356.06	283.48	234.73	354.40	437.34	344.18	368.81	322.65	450.38	322.38	247.56				



Table 90. Average weekly earnings of production workers on manufacturing payrolls by major industry group, selected years, 1947-82—Continued

į	Nondurable goods														
Year	Total	Food and kindred products	Tobacco manufac- tures	Textile mill products	Apparel and other textile products	Paper and allied products	Printing and publish- ing	Chemicals and allied products	Petro- leum and coal products	Rubber and miscellaneous plastics products	Leather and leather products				
947	\$48.03	\$45.92	<b>\$</b> 35.17	\$40.99	\$41.80	\$49.69	<b>\$</b> 59.30	\$50.26	\$60.94	<b>\$</b> 51.83	\$40.0				
950	53.44	52.88	41.00	48,59	44.60	60.53	71.23	81.64	75.11	60.35	43.9				
955	66.63	68.89	51.86	55.34	49.73	78.01	87.91	80.97	9ત.93	81.93	52.6				
960	80.36	86.09	64,94	63.60	56.45	95.15	102.91	103.25	118.78	92.57	60.5				
961	82.92	88.75	89.42	85.04	58.06	99.45	105.05	106.81	124.01	95.91	82.8				
962	86.15	91.84	71.41	68.21	81.18	102.24	108.01	110.24	126.88	100.04	64.6				
963	87.91	94.30	73.92	89.43	62.45	105.90	110.89	113.15	131.77	100.78	66.0				
1964	90.91	97.17	75.66	73.39	64.28	109.57	114.35	116.48	133.78	104.90	89.3				
965	94.64	100.28	79.21	77.98	66.61	114.22	118.12	121.09	138.42	109.82	71.8				
966	98.49	103.82	85.19	82.12	68.80	119.35	122.81	125.18	144.58	112.14	74.8				
967	102.03	107.98	87.62	84.25	73.08	122.84	125.95	128.96	152.87	113.85	79.0				
968	109.05	114.24	93.99	91.05	79.78	130.85	133.28	138.27	159.38	121.18	85.4				
969	115.53	120.77	97.99	95.88	82.93	139.32	141.33	145.05	170.40	126.18	87.7				
970	120.43	127.98	110.00	97.76	84.37	144.14	147.78	153.50	183.18	128.64	92.6				
1971	128.51	136.21	119.45	104.34	88.64	154.51	157.50	185.15	195.60	138.82	97.6				
972	138.18	145.80	130.47	113.58	93.60	189.06	170.03	177.64	211.79	148.37	102.6				
973	148.52	155.54	145.14	120.66	99.08	180.18	179.08	188.52	223.87	156.59	105.4				
1974	156.79	189.28	157.80	126.40	104.54	191.17	188.63	202.52	239.13	164.43	110.3				
975	189.56	185.78	173.81	134.41	111.58	208.42	198.52	220.99	266.98	175.18	119.0				
978	185.18	201.69	186.75	147.97	121.72	232.48	214,13	245.88	303.54	189.66	127.1				
1977	201.33	214.80	209.41	181.20	128.87	255.68	230.72	268.13	334.34	211.97	133.2				
1978	217.88	230.26	233.55	173.72	140.26	279.71	244.78	294.14	376.27	225.77	144.3				
1979	238.19	250.17	253.46	188.26	149.32	303.74	260.25	318.44	409.97	241.79	154.0				
1980	255.45	271.95	294.89	203.31	161.42	330.85	279.36	344.45	422.18	260.80	168.0				
981	280.74	295.37	344.54	218.59	177.43	365.50	305.49	379.39	491.82	288.95	183.1				
1982	296.83	310.87	369.68	218.63	180.44	389.58	324.63	407.38	546.99	302.94	189.3				

NOTE: Data include Alaska and Hawaii beginning In 1959.



Table 91. Gross and spendable average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls by industry division, 1947–821

Year	Gross average weekly earnings		Spendable average weekly earnings			Gross average weekly earnings		Spendable average weekly earnings				
	• • • • • • • • • • • • • • • • • • • •		Worker with no dependents		Worker with three dependents		:	:	Worker with no dependents		Worker with three dependents	
	Current dollars	1977 dollars	Current	1977 dollars	Current dollars	1977 dollars	Current	dollars	Current dollars	1977 dollars	Current dollars	r
			Tota	al private			1		Constru	ıction		
947		\$123.52	\$39.16	\$106.12	\$44.64	\$120.98	\$58.83	\$159.43	\$49.92	\$135.28	\$55.50	\$150.
946		123.43	43.11	108.59	48.51	122.19	65.23	164.31	56.58	142.52	62.56	157.
)49	i	127.84	44.15	112.34	49.74	126.56	67.56	171.91	58.51	148.68	64.55	164
950		133.83	46.02	115.92	52.04	131.08	69.68	175.52	59.58	150.08	65.94	166
51		134.87	48.68	113.47	55.79	130.05	76.96	179.39	63.76	148.62	71.21	165
52  53	ľ	138.47	50.07	114.32	57.87	132.12	82.86	189.18	67.23	153.49	75.51	172
154 154	63.76 64.52	144.58	52.45	118.93	80.31	136.76	86.41	195.94	70.00	158.73	78.36	177
	ĺ	145.32	53.76	121.08	60.85	137.05	88.54	199.41	72.93	164.26	80 45	181
955		153.21	56.27	127.31	63.41	143.46	90.90	205.66	74.59	168.78	82.16	185
956		157.90	58.63	130.87	65.82	146.92	96.38	215.13	78.99	176.32	86.65	193
)57		158.04	60.47	130.32	67.71	145.93	100.27	216.10	81.84	176.38	89.63	193
56		157.40	61.83	129.62	69.11	144.88	103.78	217.57	84.53	177.21	92.51	193
159	1	163.78	64.52	134.14	71.86	149.40	108.41	225.38	87.58	182.08	95.82	199
60		164.97	65.59	134.13	72.96	149.20	112.67	230.41	90.39	184.85	98.85	202
61		167.21	67.08	135.79	74.46	150.77	118.08	239.03	94.53	191.36	103.29	209
62		172.16	69.56	139.40	76.99	154.29	122.47	245.43	97.77	195.93	106.78	213
63		175.17	71.05	140.69	78.56	155.56	127.19	251.86	100.93	199.86	110.18	218
64	i	178.38	75.04	146.56	82.57	161.27	132.06	257.93	107.34	209.85	116.40	227
65		183.21	79.32	152.25	86.63	166.28	136.38	265.60	113.82	218.46	122.83	235
66	98.82	184.37	81.29	151.66	88.66	165.41	146.26	272.87	118.02	220.19	127.38	237
67		184.83	83.38	151.32	90.86	164.90	154.95	281.22	124.51	225.97	134.33	243
68		187.68	86.71	151.06	95.28	165.99	164.49	286.57	128.85	224.48	139.98	243
69	114.61	189.44	90.96	150.35	99.99	165.27	181.54	300.07	140.41	232 08	152.80	252
70		186.94	96.21	150.09	104.90	163.65	193.45	304.91	153.15	238.92	166.05	259
71		190.58	103.80	155.39	112.43	168.31	211.67	318.87	168.96	252.93	181.44	271
72	136.90	198.41	112.19	162.59	121 68	176.35	221.19	320.57	176.68	256.06	190.13	275
<u> </u>		198.35	117.51	160.31	127.38	173.78	235.89	321.81	185.10	252.52	199.30	271
74	154.76	190.12	124.37	152.79	134.61	165.37	249.25	306.20	193.10	237.22	208.06	255
75		184.16	132.49	149.20	145.65	164.02	266.08	299.64	206.38	232.41	223.65	251
76	175.45	166.85	143.30	152.61	155.87	166.00	283.73	302.16	221.87	236.28	238.16	253
77	189.00	189.00	155.19	155.19	169.93	169.93	295.65	295.65	228.88	228.88	250.31	250
78		189.31	165.39	153.71	180.71	167.95	318.69	296.18	243.25	226.07	266.30	247
179	219.91	183.41	178.00	148.46	194.82	162.49	342.99	286.06	261.28	217.91	287.15	239
80	235.10	172.74	188.82	138.74	206.40	151.65	367.78	270.23	276.64	203.26	304.67	223
lB1	255.20	170.13	202.00	134.67	220.57	147.05	399.26	266.17	292.76	195.17	323.68	215
)82	266.92	167.67		ļ <u> </u>	-	_	426.45	268.21	_		_	
		L	<u></u>	1	l	i				<del> </del>		1
	! i		Mi	ning			i	N	ianufactur	ring		
039			1	1		Ţ ·	622.64	\$103.23	\$23.37	\$102.05	\$23.40	\$102
140		_	<u> </u>	_	_	-	\$23.64	1	· ·	1	24.71	1
41	1	=	_		_		24.96 29.48	108.05 121.32	24.46 27.96	105.89	29.19	106 120
42		_	_		_	_	36.68	136.36	31.80	118.22	36.31	134
43	1	_	!	İ _	_	_	43.07	151.12	35.95	126.14	41.33	145
44		_	. —	i _		_	45.70	157.59	37.99	131.00	43.76	150
45	į.	•	ĺ	i			ł			Į	i	143
46	•	_	_		_		44.20 43.32	148.62	36.82	123.97 115.87	42.59 42.79	132
47	i	\$162.30	\$50.78	\$137.62	\$56.38	\$152.79	43.32	134.53 133.14	37.31 42.07	115.87	47.55	128
48	<b>-</b>	165 04	56.82	143.12	62.61	158.21	53.08	133.70	48.54	117.23	52.28	131
49		158.60	54.16	137.81	60.06	152.82	53.80	136.90	47.14	119.95	52.86	134
50	!		\$	1		<b>!</b>		!			[	1
51		169.17	57.51	144.86	63.81	160.73	58 28	146.60	50.23	126.52	56.32	141
52	1	172.75 177.15	61.49 63.13	143.33 144.13	68.88	160.56	63.34	147.65	52.97 54.73	123.47	60.18	140. 143.
53	1	188.28	67.37	152.77	71.30 75.65	162.79 171.54	66.75 70.47	152.40 159.80	54.73 57.59	124.95 130.59	62.66 65.60	148
		, ,,,,,,	1 01.31	1 136.//	73.03	171.34	10.47	1 135.00	J1.38	1 30.38	. uo.du	, i <b>→</b> 0.



Table 91. Gross and spendable average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls by industry division, 1939-82—Continued

Year	Spendable average weekly earnings								Spendable average weekly earnings					
	Gross average weekly earnings		Worker with no dependents		Worker with three dependents		Gross average weekly earnings		Worker with no dependents		Worker with three dependents			
	Current dollars	1977 dollars	Current dollars	1977 dollars	Current dollars	1977 dollars	ourrent dollars	dollars	Current dollars	1977 gollars	Current dollars	197 doile		
!			Mining	-Continued	1		Manufacturing—Continued							
55	\$89.54	\$202.58	\$73.50	\$166.29	\$81.04	\$183.35	\$75.30	\$170.36	\$62.19	\$140.70	\$69.47			
56	95.06	212.19	77.93	173.95	85.57	191.00	78.78	175.85	64.92	144.91	72.25	161		
57	98.25	211.75	80.29	173.04	87.98	189.61	81.19	174.98	66.60	143.53	73.99	159		
8	96.08	201.43	78.55	164.68	86.20	180.71	82.32	172.58	67.51	141.53	74.91	157		
9	103.68	215.55	83.96	174.55	91.94	191.14	88.26	183.49	71.89	149.46	79.40	165		
0	105.04	214.81	84.54	172.88	92.59	189.35	89.72	183.48	72.57	148.40	80.11 82.18	160 160		
1	106.92	216.44	85.98	174.05	94.13	190.55	92.34	186.92	74.60	151.01 156.03	85.53	17		
2	110.70	221.84	88.76	177.88	97.12	194.63	96.56 99.23	193.51 196.50	77.86 79.51	157.45	87.25	172		
3 <b>4</b>	114.40 117.74	226.53 229.96	91.13 96.05	180.46 187.60	99.69 104.40	197.41 203.91	102.97	201.11	84.40	164.87	92.18	180		
	400 50	007.00		105 50	110.07	211.65	107.53	206.39	89.08	170.98	96.78	18		
56	123.52 130.24	237.08	101.90	195.59 196.47	110.27 113.98	211.65	112.19	209.31	91.45	170.62	99.33	18		
7	135.89	246.62	109.59	198.89	118.52	215.10	114.49	207.79	92.97	168.73	100.93	18		
8		248.62	112.66	196.27	122.52	213.45	122.51	213.43	97.70	170.21	106.75	18		
9	154.80	255.87	120.29	198.83	131.09	216.68	129.51	214.07	101.90	168.43	111.44	18		
0	164.40	256.47	129.67	202.29	140.50	219.19	133.33	208.00	106.32	165.87	115.58	18		
1	172.14	257.69	137.86	206.38	148.45	222.23	142.44	213.23	114.97	172.11	124.24	18		
2	189.14	274.12	151.36	219.36	163.25	236.59	154.71	224.22	125.34	181.65	135.57	19		
3	201.40	274.76	158.31	215.98	170.75	232.95	166.46	227.09	132.57	180.86	143.50	19		
<sup>7</sup> 4	219.14	269.21	171.24	210.37	184.59	226.77	176.80	217.20	140.19	172.22	151.56	18		
5	249.31	280.75	194.39	218.91	210.91	237.51	190.79	214.85 222.92	151.61 167.83	170.73 178.73	166.29 181.32	18		
76	273.90	291.69	214.85	228.81	230.71 254.32	245.70	208.32	228.90	183.80	183.80	200.06	20		
7	301.20 332.88	301.20	232.49	234.51	276.51	256.98	249.27	231.66	197.40	183.46	214.87	19		
9	365.07	304.48	275.38	229.67	303.24	252.91	269.34	224.64	212.70	177.40	232.38	19		
0	397.06	291,74	294.15	216.13	325.53	239.18	288.62	212.06	225.79	165.90	247.01	18		
31	438.75	292.50	318.48	212.32	353.64	235.76	318.00	212.00	244.09	162.73	267.36	17		
)2	459.23	288.82	_	-	-	_	330.65	207.98		L	1 -			
	Transportation and public utilities							Services						
34	\$116.78	\$231.99	\$96.87	\$189.20	\$105.27	\$205.61	\$70.03	\$136.78	\$58.35	\$113.96	\$65.52	•		
i5	1	240.19	103.20	198.08	111.64	214.28	73.60	141.27	61.89	118.79		13		
<b>36</b>		239.05	103.62	193.32	112.20	209.33	77.04	143.73	64.17	119.72	71.10	13		
37	1	237.42	105.53	191.52	114.22	207.30	80.38	145.88	66.64	120.94	73.64	13		
38	138.85	241.90 244.20	109.84	191.36	119.54 125.47	208.26	83.97 90 57	146.29 149.70	68.65 73.08	120.79	81.49	٠		
					133.52	208.30	96.66	150.80	78.80	122 93	86.66	13		
7071		243.2 <del>6</del> 252.72	123.15 135.23	192.12	145.67	218.07	103.06	154.28	85.77	128.40	93.25	:		
72		272.26	150.34	217.88	162.18	235.04	110.85	160.65	92.86	134.58	101.06	14		
73		277.37	159.70	217.87	172 24	234.98	117.29	160.01	96.96	132.28	105.44	14		
74	217.48	267.17	170.03	208.88	183.29	225.17	126.00	154.79	103.33	126.94	112.27	13		
<sup>7</sup> 5	233.44	262.88	182.83	205.89	198.50	223.54	134.67	151.66	111.46	125 52	1			
76	256.71	273.39	202.56	215 72	217.42	231.54	143.52	152.84	119.70	127.48	132.15			
77		278.90	217.79	217.79	237.96	237.96	153.45	153.45	128.99	128 99	142.26	,		
78 79		281.41 271.54	232.93 250.16	216.48 208.64	254.86 274.46	236.86	163.67 175.27	152.11	136.34 145.31	126.71 121.19	149.92 162.04			
										1		:		
80		258.08	266.55	195.85	293.17	1	190.71	140.12	156.72 169.26	115 15	172 29 185.35	12		
81	382.18 401.70	254.79 252.64	285.21	190.14	314.82	209.66	224.94	141.47	109.20	112.04	i	:		
82	1 -01.70	202.04	1	1 -	1 -	1		1	i	ł	I	1		



Table 91. Gross and spendable average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls by Industry division, 1939-82—Continued

				Spenda	ble averag	ge weekly	earnings	j		Spenda	ble averaç	je weekly	earning
	Year	Gross weekly	uverage earnings	Worker deper	with no '	l th	er with ree ndents		average earnings		r with no ndents	th	er with ree ndents
		Current dollars	1977 dollars	Current dollars	1977 dollars	Current dollars	1977 dollars	Current dollars	1977 dollars	Current dollars	1977 dollars	Current dollars	1977 dollar
		l 	W	/holesale (	and retail	trade			Finance	, insuranc	e, and rea	l estate ²	
1947		\$38.07	\$103.17	\$33.01	\$89.46	\$37.69	\$102.14	\$43.21	\$117.10	\$37.22	\$100.87	\$42.70	\$115.7
1948	*********	40.80	102.77	36.22	91.23	40.39	101.74	45.48	114.56	40.15	101.13	45.03	113.4
1949		42.93	109.24	38.01	96.72	42.50	108.14	47.63	121.20	41.96	106.77	47.15	119.9
1950	***************************************	44.55	112.22	38.92	98.04	43.88	110.53	50.52	127.25	43.86	110.48	49.76	125.3
1951	••••	47.79	111.40	40.65	94.76	47.07	109.72	54.67	127.44	46.16	107.60	53.23	124.0
1952		49.20	112.33	41.19	94.04	48.46	110.64	57.08	130.32	47.35	107.00	55.07	125.7
1953		51.35	116.44	42.88	97.23	50.57	114.67	59.57	135.08	49.25	111.68	57.02	129.3
1954	***************************************	53.33	120.11	44.97	101.28	51.89	116.87	62.04	139.73	51.83	116.73	58.66	132.5
1955		55.16	124.80	46.44	105.07	53.36	120.72	63.92	144.62	53.30	120.59	60.37	136.5
1956		57.48	128.30	48.26	107.72	55.21	123.24	65.68	146.61	54.67	122.03	61.77	137.8
1957		59.60	128.45	49.77	107.26	56.76	122.33	67.53	145.54	55.95	120.58	63.09	135.9
1958		61.76	129.48	51.45	107.86	58.48	122.60	70.12	147.00	57.97	121.53	65.15	136.5
1959		64.41	133.91	53.36	110.94	60.44	125.65	72.74	151.23	59.83	124.39	67.06	139.4
960	••••••	66.01	134.99	54.27	110.98	61.38	125.52	75.14	153.66	61.32	125.40	68.59	140.2
1961		67.41	136.46	55.35	112.04	62.48	126.48	77.12	156,11	62.85	127.23	70.15	142.00
962		69.91	140.10	57.19	114.61	64.37	129.00	80.94	162.20	65.69	131.64	73.07	146.43
1963		72.01	142.59	58.45	115.74	65.67	130.04	84.38	167.09	67.92	134.50	75.36	149.2
1964		74.66	145.82	61.97	121.04	69.24	135.23	85.79	167.56	70.70	138.09	78.14	152.6
965		76.91	147.62	64.51	123.82	71.15	136.56	88.91	170.65	74.02	142.07	81,20	155.8
1966		<b>79.3</b> 9	148.12	66.02	123.17	73.00	136.19	92.13	171.68	76.05	141.88	83.29	155.30
1967		82.35	149.46	68.18	123.74	75.22	136.52	95.72	173.72	78.68	142.79	86.00	156.08
1968		67.00	151.57	70.99	123.68	78.97	137.58	101.75	177.26	82.27	143.33	90.66	157.94
969		91.39	151.06	73.70	121.82	82.14	135.77	108.70	179.67	86.62	143.17	95.50	157.85
970		96.02	149.80	76.30	122.15	88.15	134.40	112.67	175.77	90.85	141.73	99.23	154.80
971		101.09	151.33	84.28	126.17	91.68	137.25	117.85	176.42	96.82	144.94	104.98	157.16
972		106.45	154.28	89.53	129.75	97.55	141.38	122.98	178.23	101.92	147.71	110.71	160.45
973		111.76	152.47	92.83	126.64	101.06	137.87	129.20	176.26	105.67	144.16	114.77	156.58
9/4		119.02	146.22	98.22	120.66	106.80	131.20	137.61	169.05	111.82	137.37	121.34	149.07
975		126.45	142.40	105.45	118.75	119.05	134.07	146.19	166.68	121.35	136.66	134.33	151.27
¥/೮		133.79	142.48	112.38	119.68	125.50	133.65	155.43	165.53	126.65	137.01	140.43	149.55
۲//		142.52	142.52	120.77	120.77	134.18	134.18	165.26	165.26	137.86	137.86	151.49	151.49
8/5		153.64	142.79	128.82	119.72	142.08	132.04	178.00	165.43	146.90	136.52	161.09	149.71
a/A		164.96	137.58	137.60	114.76	154.97	129.25	190.77	159.11	156.76	130.74	172.33	143.73
980		176.46	129.65	146.21	107.43	162.84	119.65	209.60	154.00	170.22	125.07	186.52	137.05
981		190.62	127.08	155.74	103.85	171.15	114.10	229.05	152.70	183.53	122.35	200.53	133.69
982		198.10	124.59	- 1	!	!		245.44	154.36		_		

<sup>&</sup>lt;sup>1</sup> Data relates to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

NOTE: Data include Alaska and Hawaii beginning in 1959. Dash indicates data are not available. Spendable earning series discontinued with 1981 data.



<sup>2</sup> Excludes data on nonoffice sales persons.

Table 92. Average hourly earnings of production workers on manufacturing payrolls by State, selected years, 1948-82

Region and State	1948	1949	1950	1955	1960	1961	1962	1983	1984
Region I:									
Maine	\$1.16	\$1.15	\$1.19	\$1.45	\$1.77	\$1.83	\$1.89	\$1.95	\$2.00
New Hampshire	1.16	1.18	1.21	1.47	1.77	1.82	1.88	1.93	2.00
Vermont	_	1.14	1.21	1.51	¹ 1.85	1.89	1.96	2.02	2.08
Massachusetts	_	_	1.38	1.71	2.09	2.17	2.24	2.29	2.37
Rhode Island	1.23	1.23	1.28	1.55	1.88	1.94	1.99	2.04	2.11
Connecticut	1.34	1.37	1.43	1.88	2.32	2.39	2.46	2.54	2.62
Region II:									
New York	1.44	1.49	1.52	1.90	2.31	2.38	2.44	2.52	2.60
New Jersey	1.39	1.45	1.51	1.94	2.37	2.44	2.51	2.59	2.6
Region III:									
Pennsylvania	1.33	1.38	1.43	1.88	2.31	2.35	2.41	2.48	2.5
Delaware	1.31	1.37	1.42	1.84	2.31	2.32	2.41	2.55	2.6
Maryland	_	_	1.38	1.82	2.28	2.34	2.40	2.48	2.54
District of Columbia 2	_	_	_	2.03	2.49	2.55	2.81	2.73	2.7
Virginia	_		1.18	1.45	1.77	1.85	1.91	1.96	2.04
West Virginia	-	_	_	1.91	2.41	2.48	2.55	2.81	2.6
Region IV.									
North Carolina	-		1.10	1.28	1.54	1.56	1.64	1.68	1.79
South Carolina		1.05	1.11	1.30	1.57	1.81	1.68	1.71	1.80
Georgia		1 00	1.08	1.34	1.66	1.69	1.77	1.83	1.93
Fiorida	.96	1.00	1.09	1.40	1.86	1.93	1.99	2.06	2.1
Kentucky	_	_	_	1.75	2 13	2.21	2.27	2.35	2.43
Tennessee	1.06	1.12	1.19	1.49	1.84	1.88	1.93	1.96	2.03
Alabama		1.10	1.18	1.49	1.92	2.00	2.06	2.11	2.1
Mississippi		_	.97	1.20	1.52	1.56	1.64	1.69	1.79
Region V:									
Ohio	_	_	_	2.11	2.60	2.68	2.78	2.83	2.9
Indiana	1.43	1.50	1.57	2.03	2.51	2.56	2.85	2.73	2.8
Illinois	1.43	1.49	1.53	2.00	2.45	2.52	2.60	2.87	2.7
Michigan	1.55	1.82	1.72	2.24	2.75	2.80	2.91	3.02	3.1
Wisconsin	1.34	1.40	1.47	1.92	2.37	2.41	2.51	2.58	2.6
Minnesota.	1.30	1.37	1.44	1.90	2.38	2.45	2.52	2.56	2.6-
Region VI:					<u>.</u>				
Arkansas	_	.94	1.02	1.29	1.56	1.61	1.66	1.72	1.7
Louisiana	_	_	1.25	1.66	2.12	2.22	2.30	2.39	2.4
Oklahoma	1.22	1.29	1.35	1.78	2.10	2.14	2.19	2.27	2.3
Texas		1.27	1.35	1.80	2.17	2.25	2.32	2.35	2.4
New Mexico.	-	1.22	1.33	1.83	2.08	2.13	2.20	2.27	2.2
Region VII:					! 				
lowa	]	1.38	1.40	1.84	2.25	2.45	2.53	2.62	2.7
Missouri	_	_	_	1.79	2.24	2.30	2.38	2.46	2.5
Nebraska	_		1.28	1.70	12.08	2.15	2.20	2.28	2.3
Kansas		_	_	_	-	_	_	_	-
Region VIII:									
North Dakota.	_	_		_	1.97	2.09	2.13	2.39	2.2
South Dakota		_	1.29	1.59	2.02	2.09	2.17	2.24	2.3
Montana		_	1.61	2.08	2.45	2.55	2.58	2.87	2.7
Wyoming	_	_	1.74	2.03	2.54	2.56	2.81	2.89	2.8
Colorado			_		_		<u> </u>	_	_
Utah	1.30	1.37	1.41	1.93	2.46	2.59	2.66	2.71	2.7
Region IX:									
Arizona	_	1.43	1.48	2.01	2.48	2.52	2.57	2.87	2.7
Nevada			1.69	2.23	2.75	2.89	3.04	3.12	3.1
California	1.53	1.60	1.65	2.11	2.82	2.72	2.79	2.88	2.9
Hawaii	-	-	-			1.69	1.93	2.04	2.1
Region X									
Idaho		_	1.56	1.93	2.25	2.26	2.34	2.39	2.5
Washington	1.60	1.65	1.73	2.17	2.63	2.72	2.81	2.87	2.9
Oregon	1.00	1.05	1.79		2.55	2.60	2.64	2.72	2.8
Alaska	_	_			,				

See footnotes at end of table



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Table 92. Average hourly earnings of production workers on manufacturing payrolls by State, selected years, 1948-82—Continued

Region and State	1965	1966	1967	1968	1969	1970	1971	1972	1973
Region I:									
Maine	\$2.06	\$2.15	\$2.27	\$2.41	\$2.55	\$2.71	\$2.86	\$3.03	\$3.2
New Hampshire	2.06	2.14	2.27	2.45	2.61	2.81	3.03	1 3.20	3.3
Vermont	2.17	2.30	2.44	2.59	2.76	2.93	3.12	3.28	3.5
Massachusetts	2.45	2.57	2.70	2.86	3.04	3.23	3.42	1 3.65	3.8
Rhode Island	2.18	2.27	2.39	2.53	2.69	2.85	2.99	3.25	3.3
Connecticut	2.69	2.82	2.93	3.07	3.28	3.43	3.61	3.67	4.1
Region II:									
New York	2.68	2.77	2.89	3.06	3.24	3.46	3.73	3.98	4.2
New Jersey	2.74	2.84	2.93	3.09	3.25	3.46	3.72	3.99	4.2
legion III:	-				ì		Ì		
Pennsylvania	2.66	2.72	2.82	2.98	3.16	3.36	3.59	1 3.88	4.1
Delaware	2.77	2.84	2.95	3.17	3.23	3.44	3.84	1 404	4.2
Maryland	2.62	2.72	2.82	3.02	3.22	3.40	3.62	1 3.92	4.2
District of Columbia 2	2.82	2.95	3.07	3.27	3.54	3.81	4.17	1 4.51	4.8
Virginia	2.11	2.18	2.29	2.46	2.60	2.73	2.88	3.10	3.3
West Virginia	2.74	2.82	2.91	3.03	3.20	3.42	3.61	3.87	4.1
egion IV:									
North Carolina	1.82	1.92	2.03	2.19	2.33	2.48	2.60	2.77	2.9
South Carolina	1.88	1.96	2.07	2.24	2.39	2.51	2.65	2.80	3.0
Georgia	2.01	2.09	2.21	2.37	2.55	2.67	2.84	3.04	3.2
Florida	2.16	2.26	2.39	2.55	2.73	2.89	3.07	3.20	3.4
Kentucky	2.51	2.55	2.71	2.90	3.06	3.27	3.44	3.70	4.0
Tennessee	2.09	2.16	2.28	2.46	2.60	2.73	2.89	3.07	3.2
Alabama	2.24	2.31	2.40	2.55	2.71	12.90	3.03	3.25	3.4
Mississippi	1.82	1.90	2.03	2.23	2.33	2.43	2.57	2.75	2.9
egion V:	1			1			}	}	
Ohio	3.01	3.10	3.19	3.41	3.63	3,81	4.11	4.45	4.7
Indiana	2.92	3.02	3.11	3.33	3.52	3.72	4.02	1 4.35	4.6
Illinois	2.83	2.95	3.07	3.25	3.46	3.65	3.93	1 4.28	4.5
Michigan	3.22	3.35	3.47	3.79	3.97	4.15	4.59	4.94	5.2
Wisconsin	2.75	2.87	2.99	3.18	3.40	3.61	3.86	4.15	4.4
Minnesota	2.72	2.80	2.97	3.13	3.32	3.54	3.80	1 4.00	4.2
egion VI:	ŀ								
Arkansas	1.83	1.89	2.02	2.21	2.33	2.48	2.63	1 2.79	2.9
Louisiana	2.55	2.67	2.72	2.91	3.08	3.28	3.46	1 3.68	3.9
Oklahoma	2.41	2.51	2.62	2.79	2.95	3.09	3.25	3.49	3.6
Texas	2.48	2.57	2.68	2.88	3.02	3.18	3.34		J. J.
New Mexico	2.31	2.32	2.41	2.53	2.63	2.68	2.88	2.88	3.06
egion VII:	_,,,								
lowa	2.78	2.91	3.01	3.22	3.44	3.70	4.00	4.30	4.49
Missouri	2.62	2.72	2.86	3.05	3.21	3.39	3.60	3.78	4.0
Nebraska	2.40	2.47	2.63	2.80	2.98	3.21	3.38	3.55	3.7
Kansas				_		_	_	_	_
egion VIII:		İ		ļ			1		
North Dakota	2.36	2.48	2.52	2.60	2.76	2.93	3,17	1 3.31	3.5
South Dakota	2.37	2.42	2.57	2.69	2.80	2.98	3.11	1 3.17	3.3
Montana	2.80	2.91	3.09	3.26	3.43	3.70	3.95	14.11	4.5
Wyoming	2.86	2.94	3.05	3.07	3.16	3.36	3.59	3.45	4.03
Colorado			0.00	5.57	3.10	3.55	0.50	0.40	
Utah	2.84	2.94	3.01	3.15	3.27	*3.26	3.41	1 3.62	3.83
egion IX:					-			ļ	
Arizona	2.77	2.85	2.91	3.02	3.10	3.31	3.62	3.85	4.03
Nevada	3.18	3.28	3.59	3.84	3.96	4.09	4.21	1 4.46	4.7
California	3.05	3.16	3.29	3.44	3.62	3.80	4.02	4.25	4.44
Hawaii	2.28	2.44	2.56	2.81	3.02	3.17	3.36	1 3.59	3.93
egion X:		ļ				į		j	
idaho	2.85	2.73	2.85	2.99	3.16	3.29	3.54	1 3.69	4.05
Washington	3.09	3.25	3.37	3.57	3.85	4.06	4.26	1 4.54	4.83
	2.94	3.05	3.16	3.35	3.59	3.82	4.09	4.30	4.60
Oregon									



Table 92. Average hourly earnings of production workers on manufacturing payrolls by State, selected years, 1948-82-Continued

Region and State	1974	1975	1976	1977	1978	1979	1980	1981	1982
Region I:			1				•	·	
Maine	<b>\$</b> 3.51 :	\$3.81	\$4.16	\$4.52	\$4.91	\$5.42	\$6.00	\$6 66	\$7 22
New Hampshire	3 65	3 97	4 26	4 56	4.94	5.37	5 87	6 4 1	6.95
Vermont	3 78	4.07	4.40	4.70	5.10	5.53	6 14	6 79	7 35
Massachusetts	4 16	4 48	4.79	5.13	5.54	5.98 į	6 51	7 0 1	7 58
Rhode Island	3.62	3 84	4.15	4.39 İ	4.71	5 10 ¦	5.59	6 10	6 61
Connecticut	4.42	4.78	5.12	5.56	5.96	6.43	7 08 1	<b>7</b> 67	8.23
Region II:	į	:		ļ	i	ļ	ī		
New York	4.53		5.27	5.67	6.08	6.57	7 18	7 84	8 35
New Jersey	4.57	4.99	5.33 ¦	5.82	6.28	6.71	7 31	8 02	8 60
Region III: Pennsylvania	4.57 :	4.98	5 OC ·	5.05	607	6.07	1 50	0.00	0.01
	4.62		5.36	5.85	6.37	6.97	7 59	8 30	8 63 8 64
Delaware	4.62	5 02	5.51 5.52	5.94	6.58	7 04 :	7.58	8 28	
Maryland  District of Columbia 2	5.20	5.04   5.52	1	6.05   5.50	6.46	7.09 <u> </u> 3 7 74	7.61	8.39	9.37
		1	5.44		6.72		8.46	8 88	
Virginia	3.65 4.53	3.99 4.93	4.30 ÷ 5.42 ±	4.69 6.06	5.11 6.68	5.58   7.41	6.22 8.08	6.84 8.80	7 36 9 40
	4.50	4.83	3.42	1.00	0.00	7.41	٥.00	3 6.7 :	7 40
Region IV:	3.28	3.52	3.79 <sup>1</sup>	4.10	4.47	4.87	5 37	5.94	6 25
South Carolina	3.32	3.52	3.75	4.10	4.66	5.10	5.59	6 18	6.68
Georgia	3.50	3.80	4.10	4.46	4.88	5.30	5.77	637	6.75
Florida	3.76	4.11	4.36	4.63	5.07	5.48	5.98 :	6.53	7 02
Kentucky	4.36	4 77	5.15	5.69	6.26	6 77	7.34	7.86	8 38
Tennessee	3.62	3 93	4.24	4.68	5 13	5.56	6.08	6 72	7.16
Alabama	3.73	4 10	4.46	4.89	5.40	5.95	6.49 i	7.01 ·	7.10
Mississippi	3.19	3 58	3.83	4.05	4.56	4.95	5.44	6.01	6.41
	0.10	0 30	0.00	4.13	4.50	4.00	5.44	0.01	0.41
Region V:	5.40	E E 7	0.10	674	7.00	704	0.57	0.50	40.07
	5.13	5.57	6.10	6.74	7.29	7.84	8.57	9.53	10.07
Indiana	5.04	5.49	6.00	6.60	7.17	7.79	8.49	9.37	9.79
Illinois	4.97	5.53	5.85	6.28	6.76	7.30	8.02 1	8.91	9 31
Michigan	5.62	6.15	1 6.81	7.54 j	9.13	8.73	9.52	10.53	11.18
Wisconsin	4.81   4.67	5.26   5.10	5.69 <u> </u> 5.53 <u> </u>	6.16 ¦ 5.97 i	6.69 6.44	7.27 6.93	8.03   7.61	8.80   8.40	9 37 9.11
Region VI:				5.5.					
Arkansas	3.30	3.69	3.91	4.30 i	4.72	5.19	5.71	6 26	6.69
Louisiana	4.40	4.88	5.33	5.75	6.42	6.97	7.74	8.58	9.38
Oklahoma	4.01	4.45	4 83	5.31	5.81	6.53	7.36	8.20	8.69
Texas	_ !		4.98	5.42	5.88	6.46	7.15	7.95	8 60
New Mexico	3.31	3.63	4.07	4.43	4.79	5.36	5.79	6.54	7.21
Region VII:		!	i	i	ŀ		•	i	
lowa	4.91	5.40	1 5.85	6.43	7.02	7.75	8.67	9.60	10.00
Missouri	4.39 ;	4.80	5.20	5.75	6.21	6.70	7.26	7.90	8 46
Nebraska	4.15	4.63	4 93	5.39	5.83	6.53	7.38 <sup>i</sup>	8.01 1	8.43
Kansas	-!	;	-	- j	-	6.71	7.37	8.05	8.77
Region VIII		ļ	:	_ i	i		1	!	
North Dakota	3.83	4 31 ∤	4 75	5.19	5.55	5.98	6.56	7 12	7.50
South Dakota	3.77 <sub>i</sub>	4.21	4.51 j	4.84	5.19	5.70	6.50	7 12	7 36
Montana	5.05	5.53	5.93	6.53	7.81	8.44	8.78	9.09	9.85
Wyoming.	4.52	4 92	5.43	5.70	6.18	6.68	7.01 ,	7.89	8.53
Colorado		-		5.80	6.21	6.93	7.63	8 28	8 63
Utah	4.19	4.61	4.89	5.18	5.68	6.29	7.02	7.74	8.40
Region IX:	1	, 1		1	ļ	1	:	ţ	
Arizona	4.40	4.85	5.19	5.55 ¦	6.03	6.62	7.29	8.02	8.73
Nevada	4.89	5.26 +	5.61	6 10	6.54	6 95	7.72	8.42	8.80
California	4.76	5.22	5.59	6.00	6.43	7.03	7.70	8.56	9 24
Hawaii	4.24	4.68	5.14	5.51	5.90	6 38	6 83	7.53	7 96
Region X.	1	1	i	•	1		J	ļ	
ldaho	4 41	4.77	5.29	5.82	6.53	6 92	7.55	8 23	8 62
Washington	5.24	5.82	6.36	6.83	7.56	8.39	9.41	10 44	11.23
Oregon	5.01	5.53	6.07	6.67	7.23	7.92	8.65	9 47	10 02
Alaska	7 10 1	8.09	7 82 🖯	9.12	8.86	<sup>3</sup> 9.14	10.22	1142	11 74

<sup>&</sup>lt;sup>1</sup> Beginning with this year, data are based on the 1972 Standard Industrial Classification Manual

<sup>3</sup> Data are not strictly comparable with prior years.
NOTE: Dashes indice's date are not available. Data are based on 1972. SIC Manual unless otherwise noted.



<sup>&</sup>lt;sup>2</sup> Data relate to Washington, D.C., SMSA.

Table 93. Average weekly earnings of production workers on manufacturing payrolls by State, selected years, 1948-82

Region and State	1948	1949	1950	1955	1960	1981	1962	1963	1964
Region I:	!	; 	İ	İ					
Maine	\$47.55	\$45.81	\$48.93	\$58.98	\$71.15	\$73.38	\$76.73	\$79.58	\$81.60
New Hampshire		45.49	48.64	60.12	70.45	73.35	76.33 <sub>i</sub>	77.59	81.20
Vermont		48.18	50.77	63.57	176.59	78.06	82.12	83.22	88.32
Massachusetts		51.42	55.98	69.09	81.96 ¦	85.55	89.18	91 18	94.58
Rhode Island	1	47.72	51.72	82.47	73.70	77.60	79.80	82.42	84.19
Connecticut	55.27	53.57	59.89	78.21	93.28	97.27	101.35	104.90	108.47
Region II:		i	ļ	į	-		İ		
New York	58.88	57.22	59.55	75.17	89.81	92.21	96.02	98.78	102.44
New Jersey	58.37	58.97 į	81.85	79.18	93.93	97.60	101.68	104.90	108.40
Region III:	50.00	E2.00	50 77	75.20	89.88	91.85	94.95	98.21	102.00
Pennsylvania		52.99	58.77	74.70	91.01	93.03	98.33	104.30	108.39
Delaware		54.54	58.30			93.37	96.48	100.44	103.38
Maryland	: [	-	55.48	74.52	90.63	- 1	104.13	103.38	108.95
District of Columbia 3	1 1			81.60	97.81	102.25			
Virginia			47.55	59.30	70.82	74.56	78.31	80.18	83.84
West Virginia		- [	-	75.45	93.27	97. <b>96</b>	101.29	104.40	107.33
Region IV.			42.24	51.48	81.14	83.38	66.91	68.38	71.58
North Carolina	1 1	20.00	43.34 44.51	53.30	83.27	65.20	89.22	70.11	73.98
South Carolina	-	39.96		_		•	70.98	73.38	77.95
Georgia		38.80	43.52	54.00	85.40	87.09 79.71	1	85.28	87.78
Florida		42.39	46.20	58.10	78.07	I	82.19		98.66
Kentucky				71.75	83.92	88.18	91.03	95.18	
Tennessee	42.82	44.35	47.84	60.64	73.23	75.20	78.18	79.58	82.82
Alabama		43.34	47.32	60.34	75.85	79.20	82.81	85.48	88.97
Mississippi	_	_	39.68	49.80	¹ 60.50	81.93	85.27	68.28	71.46
Region V				00.77	104 10	107.15	112.59	118.13	120.93
Ohio	! 1			88.77	104.13	107.15		112.01	115.80
Indiana	i l	59.34	84.34	93.47	100.49	102.78	108.29	108.71	113.00
Illinois		58.95	62.89	82.27	97.70	100.99	105.27		135.11
Michigan		63.13	71.30	94.84	112.00	112.32	121.43	128.27	
Wisconsin	56.31	56.39	81.71	80.81	96.32	97.66	103.88	106.41	110.60
Minnesota	53.35	55.15	59.06	78.30	95.07	99.48	102.35	104.58	107.96
Region VI:		00.00	40.20	53.41	82.71	64.56	66.23	69.83	72.09
Arkansas		38.92	42.33			90.58	96.14	100.82	104.58
Louisiana.			50.83	69.55	86.71		90.23	93.75	98.23
Oklahoma	1	53.41	57.10	73.87	85.47	87.53	96.05	97.29	100.91
Texas	•	53.34 53.88	57.10 58.25	75.78 77.41	89.19 82.58	92.48 84.99	88.88	92.84	90.91
	_	33.00	30.23	77.31	02.00		00.00		
Region VII:	i _ i	55.72	58.16	75.73	93.68	97.68	100.83	105.47	109.90
Missouri.	1	_		71.24	87.57	90.04	94.52	98.41	101.32
Nebraska		. <u></u>	53.23	71.83	387.41	91.15	94.26	97.96	101.93
Kansas	:	_	_	_	_			_	-
Region VIII:	1		 						
North Dakota	. —	! _	_	i — i	81.85	87.48	88.20	101.08	96.40
South Dakota	.	i	58.12	72.66	90.90	95.19	97.87	101.70	106.70
Montana	.	· —	64.58	85.66	96.04	102.77	103.20	106.00	109.78
Wyoming		! -	68.56	83.23	95.25	96.00	96.83	102.49	108.57
Colorado	!	_	<u> </u>		_			-	_
Utah	52.28	54.53	57.10	76.81	98.89	104.12	108.87	109.21	111.91
Region IX	!			! 		404.5.	400.00	407.07	400.00
Arizona	.;	58.83	82.63	83.62	99.14	101.81	102.80	107.87	109.82
Nevada		: <b>-</b>	73.85	88.98	113.30	115.60	121.60	122.93	126.72
California	. 59.57	81.89	85.39	85.24	104.28	106.53	112.44	115.78	119.29
Hawaii	-	<u> </u>	_	<u> </u>	-	72.39	72.57	77.52	82.16
Region X:	1		60.00	00.00		00.50	02.86	06.66	99.50
Idaho			63.96	80.29	90.00	90.52	92.66	96.56	
Washington	81.73	83.56	67.63	84.88	101 78	108.08	110.71	112.50	117.1
Oregon	_	_	<b>70</b> .00		97.04	100.36	103.22	106.90	112.01
Alaska.	1	ı	i			135.81	145.88	145.68	152.93



Table 93. Average weekly earnings of production workers on manufacturing payrolls by State, selected years, 1948-82—Continued

Region and State	1965	1966	1967	1968	1969	1970	1971	1972	1973
legion I:									
Maine	\$85.08	\$89.23	\$93.07	\$98.09	\$102.51	\$108.67	\$113.83	\$123.32	\$131.
		87.95	91.71	98.74	103.10	109.03	118.47	1127.36	134.
New Hampshire		98.90	102.72	108.00	114.54	120.13	128.54	136.12	145.
Vermont					1	126.62	134.75	1146.37	157.
Massachusetts		104.60	108.00	114.40	120.69			1	132.
Rhode Island		92.39	96.80	101.96	107.87	111.72	117.51	124.43	
Connecticut	113.25	121.82	123.65	128.63	136.78	140.29	146.21	160.61	174.
egion II:		ļ	İ						4.53
New York	106.40	111.35	114.44	121.48	128.30	134.59	145.84	157.61	167.
New Jersey	112.34	117.29	118.96	125.76	132.60	139.44	150.2 <del>9</del>	163.35	176.
•		- 1							
egion III:		440.00	440.50	110.00	127.52	131.71	140.73	1154.42	167.
Pennsylvania		110.98	112.52	119.20	127.52				172.
Delaware	114.98	116.44	117.71	129.34	130.17	136.22	154.37	162.00	_
Maryland	107.94	112.0€	114.21	122.61	131.38	136.34	143.71	1157.58	170.
District of Columbia 2		119.18	122.80	129.17	138.77	147.83	163.88	1176.79	186.
Virginia		90.69	93.43	101.11	106.60	109,20	115.78	126.48	135.
		114.21	116.40	122.41	128.64	136.12	142.96	154.80	165.
West Virginia	110.70	114.21	110.40	122.71	120.04	100.12	, ,_,,		
egion IV:	75 47	79.49	01.81	88.48	94.13	97.17	104.00	112.74	119.
North Carolina 2	1		F	_	1		108.38	115.92	122
South Carolina		82.32	84.66	92.06	98.47	100.90		l i	
Georgia	82.61	86.11	89.73	96.70	104.55	106.27	114.74	124.64	131
Florida		96.05	100.86	105.82	113.30	118.78	125.26	131.84	141
Kentucky		104.30	107.87	117.23	122.71	128.84	134.85	149.48	161
Tennessee		88.13	91.43	99.38	105.04	108.93	115.89	124.64	132
		96.33	98.16	105.32	111.38	1116.87	123.93	133.25	140
Alabama					•	97.69	103.83	113.03	118
Mississippi	74.98	78.85	82.62	91.43	95.06	87.08	103.63	113.03	110
egion V:							407.00	405.40	20.
Ohio	127.02	131.56	132.48	142.58	152.10	154.69	167.28	185.12	20
Indiana	121.66	126.54	126.58	136.86	143.97	149.17	161.20	1178.79	192
Illinois	l l	123.04	125.04	132.53	141.69	147.03	157.57	175.55	187
		145.10	145.78	164.15	166.78	168.33	188.19	211.52	228
Michigan		, ,	123.05	130.97	140.72	145.78	156.31	171.04	183
Wisconsin		120.68 116.13	123.03	128.87	136.73	141.30	151.28	162.80	173
Minnesota	112.20	110.13	122.12	120.07	130.70	141.55			
egion VI:				00.04	04.10	98.70	104.94	1112.16	119
Arkansas		78.25	81.41	88.84	94.13	1	1	E .	164
Louisiana	107.87	113.48	114.7R	121.93	128.74	137.10	145.32	155.66	_
Oklahoma	101.22	104.67	107.16	114.11	121.25	126.07	130.98	141.34	148
Texas	1	107.94	111.49	119.81	125.03	129.43	135.94	143.91	152
New Mexico.		93.03	97.12	102.47	104.41	104.52	112.68	115.49	121
egion VII;								<u> </u>	ĺ
lowa	113.36	119.71	123.33	130.14	137.94	146.89	159.60	174.15	180
		110.70	114.97	122.31	127.76	133.23	141.84	1150.44	16
Missouri		i	1	119.38	127.84	134.79	140.69	1148.07	150
Nebraska		106.62	110.82	119.30	127.04	134.78	140.00	-	
Kansas		; -	_	<del></del>		i		}	
egion VIII:				405.04	1 440.00	110.05	129.02	1133.06	14:
North Dakota	100.38	104.53	102.40	105.01	110.92	119.25	1	,	
South Dakota	103.81	110.35	117.96	121.32	121.52	132.91	136.84	137.26	14:
Montana	114.80	118.15	122.36	133.33	138.23	148.00	157.21	1165.63	178
Wyoming		113.19	120.48	118.50	123.24	130.03	142.88	1133.10	159
Colorado		_	l		i -	-	-	! -	}
Utah	1	119.36	120.70	126.63	129.49	3127.47	134.01	1139.56	14
			i <b>.</b>	<u></u>				1	
egion IX.	113.85	118.28	119.02	123.52	126.17	132.40	146.25	1 155.92	16
Arizona		1	3	1		160.74	167.56	179.29	18
Nevada		132.51	142.52	150 14	157.61		Į.	170.23	171
California		128.93	132.92	138.63	145.89	150.48	158.79	1	1 .
Hawari	89.60	98.58	100.35	112.68	119.59	126.80	133.73	1141.81	15
legion X:			<b>!</b>					:	
Idaho	106.00	111.11	112.58	119.30	122.92	127.98	138.06	1 145.39	15
Washington.		129.03	133.12	141.73	152.08	158.75	166.57	1179.78	189
			123.24	132.66	l .	ì	158.69	1169.42	184
Oregon · · · · · · · · · · · · · · · ·	·			1	1	:	i	1	i
Alaska	: 150.47	164.97	168.78	171.97	185.24	191.99	; ∠ 1→. 1 J		. 20



Table 93. Average weekly earnings of production workers on manufacturing payrolls by State, selected years, 1948-82—Continued

Region and State	1974	1975	1976	1977	1978	1979	1980	1981	1982
Region I:			İ	!				! •	
Maine	\$141.45	\$152.02	\$185.98	\$179.90	\$197.38	\$217.34	\$240.00	\$269.06	<b>. \$288.8</b>
New Hampshire	143.44	155.23	168.70	182.40	199.19	215.34	233.63	255.78	275.2
Vermont	155.38	164 43	180.40	191.78	209.10	225.82	249.26	271.80	288.8
Massachusetts		175.17	190.18	204.89	222.71	239.80	257.80	280.40	297.1
Rhode Island		149.04	183.93	171.85	183.22	199.41	219.89	239.73	255.1
Connecticut	182.99	193.59	208.90	230.74	250.32	270.06	295 94	319.07	333.3
	102.00	183.38	200.90	230.74	250.32	270.00	293 84	318.07	333.3
Region II:		l			1	1			i
New York		191.00	207.64	224.53	241.98	260.17	282.89	308.90	323.9
New Jersey	186.11	199.68	215.71	239.20	256.22	276.45	297.07	325.95	345.7
Region III:	1		i		1	1	f		·
Pennsylvania	100.07	400.00	010.11	004.00		0-010			
		193.22	210.11	231.08	254.80	278.10	294.49	325.38	331.3
Delaware		197.29	220.40	235.22	283.20	278.08	306.99	333.68	338.8
Maryland	184.34	197.06	218.59	241.40	257.75	283.60	301.36	334.76	-
District of Columbia 2	199.18	212.52	209.98	211.20	282.75	303.41	332.48	348.10	359.8
Virginia	145.27	156.41	171.57	187.13	203.38	221.53	244.45	271.55	282.8
West Virginia	179.39	192.27	212.46	239.37	264.53	293.44	316.74	346 72	364.7
Region IV:						<u> </u>			
North Carolina	100.05	125 17	140.00	160.00	177.04	100.05	24.04	000.05	0000
South Carolina		135.17	149.33	162.38	177.91	192.85	211.04	232.25	236.8
Goorgie	132.14	141.45	157.96	173.77	190.13	208.08	225.28	249.67	255.1
Georgia		150,10	164.41	180.63	195.89	214.12	231.95	255.44	260.5
Florida		164.40	178.14	188.44	207.38	221.94	243.98	265 12	280.1
Kentucky		184.60	202.91	224.75	247.90	266.74	286.99	308.90	321.7
Tennessee		156.41	170.87	188.14	203.15	220.73	241.38	268.13	278.3
Alabama	151,06	181.95	181.08	198.04	219.24	242.18	260.25	279.70	282.2
Mississippi	125.37	140.39	153.20	166.42	181.94	196.02	213.79	236.19	244.2
Region V:									
	044.00								
Ohio.		224.47	252.54	283.08	306.91	325.38	347.94	389.78	403.8
Indiana	204.82	218.50	243.60	271.92	295.40	315.94	337.90	375.74	3 <b>8</b> 3.7
Illinois	200.89	219.13	238.11	254.91	271.42	296.66	319.20	356.23	385.1
Michigan	232.05	250.78	1 290.97	328.27	349.50	359.72	381.87	426.27	449.3
Wisconsin	197.43	212.25	230.91	250.06	274.21	297.00	323.10	352.55	370.8
Minnesota	186.33	199.92	220.09	238.80	258.89	277.20	299.83	330.96	356.2
Region VI:	ļ								
	400.00	44545	4-4	4-0-4					
Arkansas	129.38	143.17	154.84	170.71	185.50	205.52	224.40	248.64	258.2
Louisiana.	176.44	208.86	220.13	240.35	267.07	287.86	318.89	382.08	384.5
Oklahoma	162.40	178.00	194.85	214.52	233.56	2 <del>6</del> 4.48	295.14	328.82	343.2
Texas		185.54	¹ 203.68	222.78	242.84	285.51	294.58	328.34	344.0
New Mexico	] 127.10	141.57	1 <b>6</b> 0.77	171.88	187.77	211.72	230.44	258.33	282.6
Region VII:									
lowa.	100.00	214,38	1233.42	05704	201 50	242.60	040.00	270.00	207 0
Missouri				257.84	281.50	313.88	343.33	379.20	387.0
***************************************	172.53	187.20	206.96	231.15	248.40	264.65		318.37	326.5
Nebraska	170.96	187.66	202.57	219.91	239.81	289 39	299.63	322.80	335.5
Kansas	··		-	-	_	273.10	297.75	325.33	345.5
Region VIII:	1 1							1	
North Dakota	153.97	171.97	185.73	200.33	220.34	233.82	248.00	271.27	282.00
South Dakota		171.35	179.95	190.21	218.42	_ [	. 1	296.19	
Montana						238.83	285.85		302.5
		210.14	236.01	272.95	333.49	382.08	379.30	372.69	387.1
Wyoming		190.36	218.11	226.82	238.55	251.17	272.89	315.60	320.73
Colorado				228.52	244.05	273.74	303.87	329.54	338.3
Utah	182.02	175.77	191,69	207.15	224.38	245.31	274.48	307.28	323.40
Region IX:				1			}	Ì	
Arizona.	172.48	189.15	205.00	222.56	243.01	268.77	292.33	317.59	339.60
Nevada		200.93	218.23	236.68	251.79	287.58	294.90	325.01	328.24
California		205.87							
Hawaii			221.92	240.60	257.84	280.50	304.15	338.98	362.21
11474II	187.06	182.99	200.46	209.38	227.74	244.35	258.17	289.90	301.68
Region X.		j	ļ	:	i	į	1	1	
Idaho	171.99	185.08	204.72	228.73	253.38	285.04	280.11	311.09	318 3
Washington	1 1	225.23	248.68	267 74	297.11	323.85	381.34	405.07	432.38
Oregon		212.35	238.12	257 48	281 97	304 92	329 57	355 13	379.76
Alaska		298.09	318.71	394.90 i	1	<sup>2</sup> 401 25			
The second secon	- 201.33	£ 5U.US	310./1	J <b>54.5</b> U	375 66		436 49 ;	456.80 i	453.18

<sup>&</sup>lt;sup>1</sup>Beginning with this year, data are based on the 1972 Standard industrial Classification Manual



<sup>&</sup>lt;sup>2</sup> Data relate to Washington, D.C., SMSA

<sup>&</sup>lt;sup>3</sup> Data are not strictly comparable with prior years.

NOTE Dashes indicate data are not available. Data are based on 1972 SIC Manual unless otherwise noted

# **Technical Notes**

# **Occupational Employment Statistics**

(Covers tables 94 and 95)

The Occupational Employment Statistics (OES) survey is designed to collect data on occupational employment of wage and salary workers by industry in nonfarm establishments. BLS provides the procedures and technical assistance for the survey and State employment security agencies collect the data. OES surveys have been conducted alternately for manufacturing and nonmanufacturing industries since 1971.

### Collection and coverage

The OES survey is a periodic mail survey of non-farm establishments conducted over a 3-year cycle. Current data on wage and salary employment are collected for more than 1,700 occupations at seven major skill levels. The survey is based on a probability sample, stratified by industry and size of employment, designed to represent the total of establishments covered by the survey. Data are requested for the pay period including the 12th of the month.

#### Classification

The OES survey combines two widely used occupational classification systems—the Dictionary of Occupational Titles and the system used for the 1970 Census of Population. Occupational titles and descriptions in the survey are based primarily on the Dictionary of Occupational Titles 1 because it is the most detailed classification available. Summary categories and residual groups generally follow the categories in the 1970 census and the Current Population Survey. "Crosswalks" have been developed between the two systems so that users may integrate OES data with data from sources using the census classification.

The OES classification is organized to allow for the changes that are necessary to keep pace with changes in the economy. It also allows for integration of infor-

<sup>1</sup> Dictionary of Occupational Titles, third edition (U.S. Employment Service, U.S. Department of Labor, 1965).

mation learned from each successive round of OES surveys.

For the survey to be conducted in 1983, the OES survey occupational structure was substantially revised to include the 1980 Standard Occupational Classification (SOC) system. The industrial classification system is that described in the 1972 Standard Industrial Classification Manual<sup>2</sup> which classifies reporting establishments into industries on the basis of major product or activity.

#### Concepts

An establishment is an economic unit which processes goods or services, in generally at a single location, and is engaged predominantly in one type of economic activity. Where a single location encompasses two or more distinct activities, these are treated as separate establishments if separate payroll records are available and certain other criteria are met.

Unit total employment includes full- and part-time workers; workers on paid vacations or other types of leave; workers on unpaid short-term absences; salaried officers, executives, and staff of incorporated firms; employees temporarily assigned to other units; and employees for whom this unit is their permanent duty station, regardless of whether this unit prepares their paycheck. Unit total employment excludes proprietors (owners and partners of unincorporated firms), unpaid family workers, and workers on extended leave.

Occupation refers to the occupation in which employees are working rather than the occupation for which they may have been trained.

Working supervisors (those spending 20 percent or more of their time at work similar to that performed by workers under their supervision) are reported in the occupation most closely related to their work.

Part-time workers, learners, and apprentices are reported in the occupation in which they ordinarily work.

<sup>2</sup> Standard Industrial Classification Manual (Office of Management and Budget. Executive Office of the President, 1972).



Table 94. Employment in manufacturing industries by major occupational group, 1980

	industry	Managers and officers	Profes- sional workers	Techni- cal workers	Service workers	Production, maintenance, construction, repair, material handling, and powerplant workers	Clerical workers	Sales workers
	All manufacturing	1,328,160	1,404,080	594,270	373,150	13,767,040	2,322,400	438,710
	Food and kindred products	107,750	45.360	12,000	52,000	1,241,080	169,730	66,910
	Tobacco products		2,380	1,220	2.230	46,270	6,960	760
	Textile mili products		14,710	7,750	19,110	713,410	76,780	7,040
	Apparel and other textile products		15,500	2,250	15,290	1,057,890	116,190	18,420
	Lumber and wood products, except furniture		9,890	5,090	13,520	534,720	41,920	11,060
_	Furniture and fotures	24,300	10,200	3,610	8,510	348,250	50,490	10,470
•	Paper and allied products		30,190	10,500	11,570	519,530	73,240	16,540
	Printing and publishing	126,830	124,270	12,620	20,980	612,420	264,290	92,890
	Chemicals and allied products		137,650	58,990	24,700	587,520	162,670	35,290
	Petroleum refining and related industries	14,790	19,030	6,290	3,080	127,290	23,040	9,170
	Rubber and miscellaneous plastics products	45.860	28,880	12,190	11,420	534,150	67,470	11,020
	Leether and leether products	9,130	3,390	720	3,030	190,440	24,640	4,840
	Stone, clay, glass, and concrete products		20,930	9,580	9,520	503,440	60,130	13,310
	Primary metal products	47,550	46,350	22,320	23,540	956,430	98,230	10,680
	Fabricated metal products	103,670	67,110	33,650	25,750	1,164,180	154,800	30,600
	Machinery, except electrical and transportation equipment	195,830	234,740	134,550	39,900	1,515,640	332,490	44,140
	Electrical and electronic machinery	1	255,880	129,720	29,310	1,254,920	255,900	20,390
	Transportation equipment		240,400	72,110	40,480	1,188,110	178,180	9,470
	Instruments and related products	61,500	82,460	52,840	12,130	381,320	105,970	13,540
	Miscellaneous manufacturing industries		14,760	6,270	7,080	290,030	59,280	11,970
	**************************************		1		-	i	l	



Table 95. Employment in transportation, communications, utilities, and wholesale and retail trade by major occupational group, 1979

				-	Produc-		
Industry	Managers and officers	Profes- sional workers	Techni- cal workers	Service workers	tion, mainte- nance, construc- tion, repair, material handling, and powerplant workers	Cierical workers	Sales workers
Total	2,308,510	914,090	290,680	4,760,730	6,730,560	5,400,320	4,496,320
tationtation	13,520	1,470	7,380	4,780	005 000	00.040	050
Motor freight transportation and warehousing	92.640	10,880	1,240	13,550	205,260 999,560	29,210 212,000	950 22,0 <del>9</del> 0
Water transportation	26,390	5,320	2,190	9,040	137,700	23,730	3,190
Air transportation	29,430	13,980	57,010	67,920	118,370	151,880	5,320
Pipe lines, except natural gas	1,770	1,980	1,380	10	13,200	1,970	
Transportation services	32,210	47,930	540	4,980	27.840	58,850	8,630
Telephone, telegraph, and selected communication services	109,330	52.950	30,800	13,290	383,550	515,780	22,770
Radio and television broadcasting	32,000	81,710	16,920	3,000	2,000	30,490	21,870
Electric, gas, steam, water, and sanitary services	61,560	66,480	41,740	16,930	403,100	200,590	6,060
Wholesale trade—durable goods	287,660	161,450	104,830	36,570	919,780	918,590	686,970
Wholesale tradenondurable goods	192,210	73.620	10,670	50,680	792.370	598,780	411,070
Building materials, hardware, garden supply, and mobile home dealers	76,580	18,550	830	8,170	213,140	143,820	184,670
General merchandise stores	159,150	69,470	4,870	144,600	243,230	583,370	1,020,890
Food stores	187,540	39,790	530	194,530	734,860	778,230	343,130
Automotive dealers and gasoline service stations	261,540	22,470	1,230	51,260	925,660	277,860	295,310
Apparei and accessory stores	129,190	25,670	290	14,280	87,580	134,760	541,980
Furniture, home furnishings, and equipment stores	82,120	26,030	1,220	13,470	170,450	127,240	190,280
Eating and drinking places	323,560	28,760	560	4,048.250	31,680	220,200	53,180
Miscellaneous retail	210,110	165,580	6,430	65,400	321,230	412,970	677,960

NOTE: Dash indicate data are not available.



# **Technical Notes**

# **Productivity**

(Covers tables 96-99)

The measures of productivity for the business, non-farm business, and manufacturing sectors refer to the ratio of constant-dollar gross product (GDP) originating in a sector to the corresponding hours of persons engaged in the sector. The output measures are based on series prepared by the Bureau of Economic Analysis of the U.S. Department of Commerce as part of the national income and product accounts (NIPA).

The business sector represents about 77 percent of gross national product (GNP). Subtracted from GNP are those activities for which theoretical or practical difficulties make the computation of meaningful productivity measures impossible. The ommitted output series are the rest-of-world sector, the output of general government, output of paid employees of private households and nonprofit institutions, the rental value of owner-occupied dwellings, and the statistical discrepancy in computing the NIPA. Appropriate adjustments are also made to the labor input measures.

The productivity measures show the changes from period to period in the amount of goods and services produced per hour. Although these measures relate output to hours of persons engaged in a sector, they do not measure the specific contributions of labor, capital, or any other factor of production. Rather they reflect the joint effects of many influences, including changes in technology; capital investment; level of output; utilization of capacity, energy, and materials; the organization of production; managerial skill; and the characteristics and effort of the work force.

Measures of labor input are based mainly on the monthly BLS survey of nonagricultural establishments. From it are drawn measures of employment and average weekly hours paid for employees of these establishments. Supplementary information for farm workers, the self-employed, and for unpaid family workers are obtained from the monthly survey of households, the Current Population Survey. Without this supplementary data, labor input would be seriously understated for family farms, in retail trade, and for self-employed individuals in all occupations.

The indexes of hourly compensation and unit labor cost in the business and nonfarm business sectors are developed from hours measures based mainly on the es-

tablishment series and employees compensation data from the NIPA. Compensation includes wages and salaries, and supplemental payments such as contributions of employers to social security and private health and pension funds. The "all persons" compensation data include measures of proprietors' salaries and contributions for supplementary benefits. Real compensation per hour is derived by adjusting the compensation data by the Consumer Price Index for all Urban Consumers to reflect changes in purchasing power.

The indexes of unit labor cost are computed by dividing compensation per hour by output per hour. Nonlabor payments represent the difference between total compensation and gross domestic product (in current dollars) originating in the business sector of the economy.

The *implicit deflator* reflects changes in all of the costs of production and distribution (unit labor cost plus unit nonlabor payments). The deflator is derived by dividing the current-dollar measure of gross product originating in a sector by the constant-dollar series.

The productivity and cost measures contained in tables 96 and 97 were prepared in July 1983. Subsequent revisions and more recent measures can be found in the Monthly Labor Review (tables 28-31) and Employment and Earnings (tables C-11 and C-12). Current measures and revisions are first published in the Productivity and Costs news release, available 30 and 60 days after the close of the reference quarter from the BLS Office of Publications.

The measures of output per unit of combined labor and capital input (multifactor productivity) and related measures are produced for the private business, private nonfarm business, manufacturing, and private nonfarm business less manufacturing sectors. The private business and private nonfarm business sectors for which multifactor productivity indexes are prepared by definition exclude government enterprises, and thus differ from the business and nonfarm business sectors, for which measures of output per hour of all persons are computed. The definition of the manufacturing sector remains the same in the multifactor and output per hour of all person series.



Multifactor productivity measures refer to the ratio of an output index to an index of combined hours and capital services. Multifactor productivity growth reflects the amount of output growth which cannot be accounted for by the growth of weighted labor and capital inputs as they have been measured. The weights are associated cost shares; labor's share is the ratio of compensation to current-dollar output. Capital's share is equal to the ratio of capital cost to current-dollar output.

Capital services measures are developed from investment data for equipment and structures plus estimates of land and inventories input. The measure is designed to gauge the flow of services from these sources used in the current production of measured output. This flow of services reflects changes in both the stock of capital and the service price the capital will obtain.

The capital costs measure is property income—income derived from all tangible assets including land and inventories. It reflects not only profits, but also interest, depreciation costs, capital gains, and taxes.

Data on output per employee hour in selected industries contain indexes of output, employee hours, and output per employee hour for selected U.S. manufacturing and nonmanufacturing industries for selected years from 1939 through 1981. The industries included are not necessarily a representative cross-section of U.S. industry, and their output per employee hour indexes, therefore, should not be combined to obtain an overall measure for the entire economy or any sector. Each index represents only the change in output per employee hour for the designated industry or combination of industries.

Output indexes are based primarily on the physical output of the products or services of the industry, combined with fixed-period weights. Although unit employee hour weights are preferred and used whenever possible, it is often necessary to use substitute weights which are assumed to be proportional to unit employee hour weights. Unit value weights generally are substituted when unit labor hour weights are not available. Since the most comprehensive physical output data usually are available from the censuses of manufactures, minerals, and business, benchmark output indexes for most industries are derived from data for two consecutive censuses. For intercensal years and for those industries not benchmarked, annual indexes are based on either physical output data or value of output adjusted for price change. The annual series subsequently are adjusted to the census benchmark levels.

Indexes of employee hours are computed by dividing the aggregate employee hours for each year by the base period aggregate. Employee hours are treated as homogeneous and additive. Some of the em-

ployee hour indexes are based on hours paid and some on plant hours.

Output per employee hour indexes are obtained by dividing an output index by an index of aggregate employee hours.

Although the measures relate output to one input labor time—they do not measure the specific contribution of labor or any other factor of production. Rather, they reflect the joint effect of a number of interrelated influences, such as changes in technology, capital investment per worker, and capacity utilization. Industry output per employee hour measures are limited to the extent that they do not account adequately for quality change, and often do not reflect adequately changes in the degree of vertical integration in industry. In addition, there is not always strict comparability between output and labor input estimates. Finally, year-to-year changes in output per employee hour are irregular and, therefore, not necessarily indicative of basic changes in long-term trends. Conversely, long-term trends are not necessarily applicable to any one year or period in the future.

Work is underway on developing multifactor productivity measures for selected industries. These measures will relate output to an index of hours, capital services and intermediate purchases, combined.

The indexes of output per employee year for 28 functional groupings within the Federal civilian government and the sum of these functional areas are derived from output and employee data for about 455 Federal Government organizations. Quantity data reported by these organizations covered 1.8 million employee years in 1981, representing 64 percent of the effort expended by Federal civilian employees. In all, over 3,650 outputs were measured in the study.

Output indexes for each grouping are based on the quantity of goods and services produced by the organizations in that grouping. Outputs are combined using base period unit-labor requirements. Output indexes are computed by dividing the total weighted output each year by total weighted output in the base year.

Employee year indexes are computed by dividing the aggregate employee years reported by the organizations in each grouping each year by the base period aggregate. Employee years are treated as homogeneous and additive. Organizations report all employee years for which employees have been paid, including vacations and absences due to illness or other reasons.

Output per employee year indexes are obtained by dividing an output index by an index of aggregate employee years. As with industry indexes described in the preceding section, productivity indexes relate output to employee years, but they do not measure the specific contribution of labor or any other factor of production.



Table 96. Indexes of output per hour and related data, business sector  $^1$  1947-82 [1977=100]

	Ou	tput pe	r hour	Out	put per	person		Outpu	ut j	E	mployr	nent		Hour	8
Year	Busi- ness	Non- farm busi- ness	Manufac- turing	Busi- ness	Non- farm busi- ness	Manufac- turing	Busi- ness	Non- farm busi- ness	Manufac- turing	Busi- ness	Non- farm busi- ness	Manufac- turing	Busi- ness	Non- farm busi- ness	Manufa turing
947	43.7	49.9	42.4	49.9	55.4	42.5	35.0	34.0	33.9	70.2	61.3	79.7	80.2	68.1	78
348	46.0	52.0	45.1	52.3	57.5	44.8	37.2	36.0	35.8	71.1	62.6	79.8	80.7	69.2	79
770	46.7	53.1	46.9	52.4	58.1	45.8	36.5	35.3	33.9	89.6	60.8	74.0	78.1	66.6	7:
949	40.7	33.1	₹0.8	32.4	36.1	75.0	30.5	00.0	30.5	00.0	30.0				
950	50.4	56.3	49.4	56.6	61.9	49.6	39.8	38.6	38.6	70.4	62.4	78.0	78.9	68.7	7
951	51.8	57.2	51.5	58.1	63.0	51.4	42.1	41.1	43.0	72.5	65.3	83.7	81.3	71.9	8
952	53.5	58.6	52.0	59.7	64.3	52.4	43.5	42.5	44.5	72.9	66.1	84.9	81.4	72.6	8
953	55.2	59.5	52.9	61.3	65.0	53.1	45.4	44.3	47.5	74.1	68.2	89.5	82.2	74.5	8
954	56.1	60.4	53.7	61.7	85.4	53.0	44.6	43.4	44.1	72.2	66.4	83.3	79.5	71.9	8
#34	30.1	00.7	33.7	01.7	00.4	33.0	44.0	40.4	}						
955	58.3	62.8	56.4	64.5	68.6	56.8	48.1	47.0	48.9	74.5	68.5	86.1	82.5	74.9	
956	58.9	62.9	56.0	64.7	68.5	56.0	49.3	48.3	49.2	76.2	70.5	87.8	83.7	76.8	8
957	60.4	64.0	57.1	65.5	69.0	56.5	49.8	48.9	49.5	76.1	70.9	87.5	82.5	76.4	8
958	62.3	65.5	56.9	67.0	70.1	55.6	49.0	48.0	45.2	73.2	68.5	81.3	78.8	73.2	7
959	64.2	67.7	59.6	69.6	73.0	59.4	52.6	51.8	50.5	75.6	70.9	85.0	81.9	76.5	8
											74.7	05.0	82.0	77.0	
960	65.2	68.3	60.0	70.3	73.3	59.2	53.5	52.5	50.7	78.1	71.7	85.6		76.1	l
961	67.3	70.3	61.6	72.3	75.1	60.9	54.4	53.5	50.7	75.2	71.2		80.8	1	
962	69.9	72.8	C4.3	75.3	78.0	64.2	57.4	56.6	55.1	76.2	72.5	85.8	82.1	77.8	8
963	72.5	75.1	68.9	78.0	80.5	69.0	59.9	59.1	59.6	76.7	73.4	86.4	82.6	78.7	8
964	75.6	78.1	72.3	81.2	83.6	72.9	63.5	62.8	63.9	78.2	75.1	87.7	83.9	80.5	8
005	70.0	90.5	74.5	84.3	86.4	76.0	67.8	67.2	69.8	80.4	77.7	91.8	86.6	83.5	
965	78.3	80.5	74.5			1		71.2		82.7	80.7		88.6	86.3	I .
966		82.5	75.3	86.4	88.2	77.1	71.5		1	83.9	82.0	ī	88.6	86.5	
967	82.5	84.0	75.3	87.2	88.6	76.0	1	72.7	75.0			1 777	90.1	88.2	1
968	85.3	86.8	78.0	89.7	91.1	78.9	i .	76.6		85.6	84.0	1			10
969	85.5	86.5	79.3	89.5	90.5	79.9	79.0	78.8	81.7	88.3	87.1	102.2	92.5	81.1	"
970	86.2	86.8	79.1	88.9	69.5	78.4	78.4	78.0	77.0	88.2	87.2	98.2	91.0	89.8	
971		89.7	83.9	91.7	92.0	83.3	80.7	80.3	78.7	88.1	87.2	94.4	90.5	89.5	
972		93.0	88.2	94.9	95.5			85.8	1	90.8	89.9	§ 7.1	93.2	92.3	8
973	94.7	95.3		97.1	97.7	93.9		91.7		94.5	93.9		96.8	96.2	10
974	92.5	92.9		93.6	94.1	90.3		89.8	1 2 1	96.1	95.5		97.3	96.7	10
	ļ	İ					1			<b> </b>	00.5	00.0	00.0	00.7	, ,
975		94.7	93.4	94.7	94.9			1		93.1	92.5	1	93.3	1	
978		97.8	97.5	97.8	98.0	1	1	93.7	1				1		
977		100.0	100.0	100.0	100.0	1	1		1						
978		100.6	100.8	100.2	100.3	101.0	105.5	105.7	105.3						
979	99.4	99.1	101.5	98.5	98.2	101.1	107.8	108.0	108.2	109.4	110.0	107.0	108.5	109.0	10
980	00.0	00.4	104 7	07.0	00.0	100.2	106.5	106.5	103.5	109.7	110.2	103.3	107.6	108.2	10
		98.4	1	97.0	96.6				1		1	1	108.4		1
1981		100.3	i	99.0	1	103.6			1	109.0		1	105.4		
982	. 101.2	100.2	106.5	97.8	96.9	103.1	106.7	106.3	ו.עש וו	j iUS.U	סיפטין	, <del>5</del> 0.1	1 . 55.7	1.50.0	1 '

<sup>&</sup>lt;sup>1</sup> Output refers to gross domestic product in 1972 dollars. Employment includes self-employed and unpaid family workers as well as wage and salary workers.



Table 97. Indexes of output per hour, hourly compensation, and unit labor cost in the business sector, and underlying data, 1947-82

1 !			Output	per hour				Hourly cor	mpensation		
Year	Busi	ness	Nonfarm	business	Manufa	cturing	Busi	ness	Nontarm	business	Manufac- turing
	Ali persons	Employ-	Ali persons	Employ- ees	All persons	Employ- ees	All persons 1	Employ-	All persons 1	Employ- ees	ali persons <sup>1 2</sup>
1947	43.7	52.5	49.9	52.5	42.4	43.0	17,0	10.0	10.5	40.5	4.5
1948	46.0	54.7	52.0	54.7	45.1	45.6		18.2	18.5	18.5	17.
1949	46.7	56.1	53.1	56.4	46.9	47.5	18.4 18.7	19.8 20.2	20.1 20.6	20.1 20.7	19. 20.
1950	50.4	59.1	56.3	<b>50</b> 0							
1951				59.2	49.4	49.9	20.0	21.5	21.8	21.9	21.
1952	51.0	59.2	57.2	59.4	51.1	51.6	22.0	23.4	23.8	23.8	23.
1902		60.4	58.6	60.3	52.0	52.5	23.4	24.8	25.1	25.1	25.
1953	55.2	61.8	59.5	61.3	52.9	53.3	24.9	26.2	<b>26</b> .5	26.5	26.
1954	56.1	63.4	60.4	62.7	53.7	54.2	25.7	27.7	27.3	27.4	27.
1955	58.3	<b>95.2</b>	62.7	64.9	56.4	56.8	26.4	28.0	28.3	28.4	28.
1956	58.9	65.5	62.9	65.2	56.0	56.3	28.1	29.7	30.0	30.1	30.0
1957	60.4	66.8	64.0	66.5	57.1	57.5	29.9	31.5	31.7	31.9	32.
1958	<b>62</b> .3	69.0	65.5	68.6	56.9	57.3	31.2	32.7	32.9	33.1	
1959	64.2	70.6	67.7	70.5	59.6	59.9	32.6	34.0	34.2	34.4	33.9 35.2
1960	65.2	71.2	68.3	71.2	60.0	00.0	20.0				
1961	67.3	73.4	70.3	73.4		60.3	33.9	35.4	35.7	35.9	36.7
1962	69.9	75.5	72.8	75.4 75.4	61.6	62.0	35.2	36.6	36.8	37.0	37.7
1963	72.5	77.4	75.1		64.3	64.6	36.8	38.1	38.3	38.5	39.1
1964	75.6	80.3	78.1 78.1	77.4 80.3	68.9 72.3	69.1 72.3	38.2 40.2	39.4 41.2	39.6 41.4	39.8	40.3
!	1			00.0	, 2.0	72.0	40.2	71.2	41.4	41.6	42.0
1965	78.3	82.4	80.5	82.3	74.5	74.7	41.7	42.7	42.8	43.0	42.8
1966	80.7	83.8	82.5	83.7	75.3	75.3	44.6	45.4	45.4	45.5	44.8
1967	82.5	84.8	84.0	84.7	75.3	75.3	47.0	47.6	47.9	48.0	47.0
1968	85.3	87.3	86.8	87.2	78.0	77.8	50.7	51.4	51.5	51.5	50.4
1969	85.5	87.0	86.5	86.8	79.3	79.2	54.2	54.9	54.8	54.9	53.9
1970	86.2	87.5	86.8	87.0	79.1	79.1	58.2	507	50.7	50.7	
1971	89.2	90.7	89.7	90.1	83.9	83.8	62.0	58.7	58.7	58.7	57.6
1972	92 4	93.4	93.0	93.1				62.6	62.5	62.6	61.1
1973	94.7	95.2	95.3	95.1	88.2	88.0	66.1	66.7	66.7	66.7	64.4
1974	92.5	92.8	92.9	92.8	93.0 90.8	92.8 90.6	71.3 78.0	71.8 78.4	71.7 78.5	71.8   78.5	69.0 76.3
1975	94.5	95.2	043			Ì	İ			İ	
1976	94.5 97.6		94.7	94.9	93.4	93.3	85.5	85.9	86.0	86.1	85.4
977	100.0	97 7	97.8	97.7	97.5	97.5	92.9	93.0	93.0	93.0	92.3
978	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
979	99.4	100.4 99.1	100.6   99.1	100.6 99.7	100.8	100.9 101.6	108.6 118.7	108.5 118.4	108.6 118.4	108.5 118.3	108.3 118.8
	20.5	1	1	·			. 10.7	110.4	110.4	110.3	1 (0.0
980	98.9	98.7	98.4	98.5	101.7	101.9	131.2	130.6	130.7	130.4	132.7
981	101 3	100.9	100.3	100.3	105.3	105.5	143.9	143.3	143.5	143.1	145.8
982	101.2	101.2	100.2	100.7	106.5	106.8	155.1	154.4	154.7	154.4	158.2



Table 97. Indexes of output per hour, hourly compensation, and unit labor Cost In the business sector, and underlying data, 1947-82—Continued

		Real ho	ourly com	pen <b>sa</b> tion					Defla	tors and c	osts			
	Bus	iness		nfarm iness	All manufac-		Business	-	Non	farm busin	<b>ess</b>	Ma	nufacturir	ng
Year	All per-	Employ-	All per-	Employ-	All	Implicit price defla- tor 3	Unit labor costs 4	Unit nonla- bor pay- ments	Implicit price defla- tor <sup>3</sup>	Unit labor costs 4	Unit nonla- bor pay- ments	Implicit price defla- tor 3	Unit labor cost 4	Uni nor labo pay men
947	46.1	49.5	50.1	50.2	47.6	38.1	38.9	36.7	36.6	37.0	35.7	42.1	41.4	43
948		49.8	50.5	50.6	49.2	40.8	40.0	42.2	39.1	38.6	40.1	44.9	43.3	48
949		51.5	52.5	52.6	51.9	40.3	40.1	40.9	39.4	38.9	40.5	45.7	43.6	5
<b>540</b> 11						ļ								_
950	50.5	54.1	55.0	55.1	54.0	41.0	39.8	43.4	40.1	38.9	42.7	46.6	43.4	54
951	51.3	54.6	55.4	55.5	55.1	44.0	42.5	47.0	42.8	41.5	45.3	49.3	46.2	5
952	53.4	56.6	57.2	57.3	57.4	44.5	43.8	45.9	43.5	42.8	45.0	49.9	48.3	5
953	56.4	59.4	59.9	60.0	60.1	44.9	45.1	44.4	44.4	44.4	44.2	50.8	50.1	52
954	58.0	61.2	61.6	61.7	62.5	45.3	45.9	44.3	45.0	45.2	44.8	51.9	51.6	5
955	59.6	63.2	64.0	64.2	65.1	48.0	45.2	47.6	48,0	45.1	47.8	53.2	51.0	5
956		66.2	66.8	67.1	68.3	47.6	47.7	47.3	47.6	47.6	47.4	55.5	54.7	5
957		67.8	68.2	68.6	69.9	49.2	49.5	48.5	49.3	49.5	48.8	57.2	56.8	5
958		68.5	68.9	69.3	71.1	49.8	50.2	49.2	49.7	50.2	48.8	58.9	59.6	5
959		70.7	71.1	71.5	73.2	50.8	50.7	51.1	50.9	50.5	51.6	60.2	59.1	6
960	69.5	72.4	73.0	73.4	75.1	51.6	52.1	50.6	51.6	52.3	50.4	81.1	61.1	
961	į .	74.1	74.6	75.0		51.9	52.3	51.0	51.9	52.4	50.9	61.3	61.2	6
962		76.3	76.7	77.1		52.6	1	52.6	52.7	52.6	52.8	61.7	60.9	
963		77.9	78.4	78.7		53.2		54.2	53.3	52.7	54.5	60.4	58.5	
964	1	80.5	80,9	81.2		53.7		54.9	53.9	53.1	55.7	60.4	58.1	•
965	80.1	82.0	82.2	82.5	82.3	54.7	53.3	57.6	54.8	53.2	58.0	61.0	57.5	6
966	1	4	84.7	84.9		56.4		58.6	56.3	55.0	58.9	62.0	59.4	
967	1	86.7	86.9	87.0	L	57.9		59.9	58.1	57.0	60.3	63.8	62.4	(
968			89.6	89.8	ľ	60.3	1 .	61.9	60.4	59.3	62.6	66.1	64.6	6
969		90.7	90.6	90.8	i	63.2		62.7	63.3	63.4	63.1	67.6	68.0	•
970	90.8	91.8	91.5	91.6	89.8	66.0	67.5	63.2	66.3	67.6	63.8	70.5	72.7	(
971		93.7	93.5	93.7	1	69.0	1	68.0	89.3	69.7	68.5	72.6	72.7	
972		1	96.6	96.7	1	71.3		71.0	71.3	71.7	70.7	73.0	73.0	7
973		1	97.8	97.9		75.3		75.2	74.0	75.3	71.6	73.2	74.2	
974		1	96.4	96.5	1	82.4		78.5	81.6	84.5	75.8	79.6	84.1	•
975	96.3	96.8	96,8	96.9	96.2	90.4	90.5	90.4	90.0	90.8	88.5	90.3	91.5	1
976	98.9		99.0	99.0		94.7		94.0	94.6	95.1	93.5	94.4	94.6	!
977	:		100.0	100.0	1			100.0	100.0	100.0	100.0	100.0	100.0	10
978			100.9	100.8	,	107.5	ī	106.7	107.1	108.0	105.3	106.0	107.4	10
979	1	1	98.9	98.7		1		112.6	116.5	119.5	110.4	112.0	117.0	'
980	96.5	96.1	96.1	95.9	97.6	128.1	132.7	119.0	128.1	132.8	118.5	120.9	130.5	
981	95.9	- N	95.6		1	1		136.2		143.0	135.0	130.2	138.5	1
982	1		97.1	96.9	99.3	147.7	153.3	136.9	148.6	154.4	137.0	137.0	148.5	1



Table 97. Indexes of output per hour, hourly compensation, and unit latur cost in the business sector, and underlying data, 1947-82—Continued

1				= .		Underlying	data 5					
			Gross r	product					Ho	ours		
Year ;	J	n 1972 dol	lars	In	current do	ollars	Bus	iness	Nonfarm	business	T Manuf	acturing
	Busi- ness	Non- farm busi- ness	Manufac- turing	Busi- ness	Non- farm busi- ness	Manufac- turing	All persons	Employ- ees	All persons	Employ- ees	All persons	Employ ees
: •	35.0	34.0	33.9	13.4	12.4	14.2	80.2	66.7	68.1	64.7	79.9	78
1948	37.2	36.0	35.8	15.1	14.1	16.1	80.7	67.9	69.2	65.8	79.4	78
1949	36.5	35.3	33.9	14.7	13.9	15.5	78.1	64.9	66.6	62.7	72.4	71
950	39.8	38.6	38.6	16.3	15.5	18.0	78.9	67.3	68.7	65.3	78.2	 · 77.
951	42.1	41.1	430	18.5	17.6	21.2	81.3	71.1	71.9	69.3	84.2	83
952	43.5	42.5	44.5	19.4	18.5	22.2	81.4	72.0	72.6	70.5	85.4	84
953	45.4	44.3 !	47.5	20.4	19.7	24.1	82.2	7: 5	74.5	72.3	89.8	89
954	44.6	43.4	44.1	20.2	19.5	22.9	79.5	70.2	71.9	69.2	82.1	81.
955	48.1	47.0	48.9	22.1	21.6	<b>26</b> .0	82.5	73.8	74.9	72.4	86.6	86.
956	49.3	48.3	49.2	23.5	23.0	27.3	83.7	75.3	76.8	74.1	87.9	87.
957	49.8	48.9	49.5	24.5 j	24.1	28.3	82.5	74.6	76.4	73.5	86.5	86
958	49.0	48.0	45.2	24.4	23.8	28 <b>6</b>	78.8	71.1	73.2	70.0	79.4	78
959	52.6	51.8	50.5	26.7	26.3	4	81.9	74.5	76.5	73.5	84.7	84.
960	53.5	52 5	50.7	27.6	27.1	20.9	82.0	75.1	77.0	73.8	84.4	83.
961	54.4	53.5	50.7	28.2	27.8	31.1	80.8	74.1	76.1	72.9	82.3	81.
962	57.4	56.6	55.1	30.2	29.8	34.0	82.1	76.0	77.8	75.0	85.6	85.
963	59.9	59.1	59.6	31.9	31.5	36.0	82.6	77.4	78.7	76.3	86.5	86
964	63.5	62.8	63.9	34.1	33.9	38.6	83.9	79.1	80.5	78.2	88.4	88.
965	67.8	67.2	69.8	37.1	36.8	42.5	6	82.3	83.5	81.6	93.6	93.
966	71.5	71.2	75.1	40.3	40.1	46.6	36	85.4	86.3	85.1	99.8	99.
967	73 1	72.7	75.0	42.4	42.2	47.8	88.6	86.2	86.5	85.8	99.6	99.
968	76.8	76.6	79.1	46.3	46.3	52.2 <sup>1</sup>	90.1	88.0	88.2	87.8	101.4	101.
969	79.0	78 8	81.7	49.9	49.9	55.2	92.5	90.8	91.1	90.7	103.1	103.
970	78 4	78.0	77.0	51.8	51.7	54.3 :	91.0	89.6	89 9	89.7	97.3	97.
971 <sup>1</sup>	80 7	80.3	78.7	55.7	55.6	57 1	90.5	89,0	89.5	89 0	93.7	93.
972	86 1 <sub> </sub>	85.8	86.2	61.4	61.2	62.9	93.2	92.2	92.3	92.2	97 8	98.
973	917	917	95.9	69 1	679	70.2	96.8	96.4	96.2	96 4	103 2	103.
974	89 9	89.8	91.9	74.1	73.3	73.3	97.3	97.0	96.7	96,8	101.2	101.
975	88.2	878	854	79.7	79.0	77.1	93.3	92.6	92.7	92.5	91.4	91.
976 :	93.8	93.7	93.6	88.8	88.6	88.3	96 0	96.0	95 8	95 9	95.9	96.
977 978	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100 0	100
	105.5	105 7	1053	113.4	113.1	111.6	104.9	105.0	105.0	105.0	104.5	104.
979 , , . 	1078	108.0	108 2	126.4	125.7	121.2	108.5	108.8	109.0	1090	106.6	106.
980	106 5	106 5	103.5	136.3	136.3	125.1	107.6	107.9	108.2	108.1	101.8	101.
9 <b>81</b>	109.8	1093	106.5	153 8	153.4	138.6	108.4	108.8	109.0	109.0	101.2	100.9
982	106 7	106.3	99.5	157.6	157.9	137.5	105.4	105.4	106.0	105.6	93.0	62.8



Table 97. Indexes of output per hour, hourly compensation, and unit labor cost in the business sector, and underlying data, 1947-82—Continued

			Compensation in	current dollars			Nonlabor p	ayment in curr	ent dollars
Year	. B₁sır B₁sır	ness	Nonfarm	business	Manufa	cturing	Business	Nonfarm	Manufactur
	All persons	Employees	All persons <sup>1</sup>	Employees	All persons 1	Employees		business	ing
0.47	13.6	12.2	126	12.0	14.0	13.8	12.8	12.1	1 <b>4</b> .
947		13.4	i	13.2	15.5	15.3	15.7	14.4	17.
948			'	13.0	14.8	146.	14.9	14.3	17.
949	14.0	13.1	10.7	, 0,0					•
950	15.8	14.5	15.0	14.3	16.8	16.6	17.3 ;	16 5	; <b>21</b> .
950		18.6		16.5	•	19.7	19.8	18.6	24.
		17.9	18.2	17.7		21.3	20.0	19.1	, 23.
952	1	19.3		19.2	23.8	23.7	20.1	19.6	24.
953	i = ==================================	19.1	19.6	18.9	1	22.6	19.7	19.3	23.
954	20.4	13.1	18.0	10.0		;	į		1
955	21.7	20.6	21.2	20.5	24.9	24.8	229	22.5	28.
956		22.4	23.0	22.3	26.9	26 8	23.3	22.9	28.
		23.5	24.2	23.4	28.1	27.9	24.2	23.8	28.
1957	. –	23.2	24.1	23.1	26.9	26.8	24.1	23.4	25
1958	1	25.3	26.1	25.2	29.8	29.7	28.9	26.7	31.
959	., 20.7	20.0	20.1	1		!	ļ		ļ
960	27.8	26.6	27.4	26.5	31.0	30.8	27.1	26.5	; 30
1961	1	27.1	28.0	27.0	31.0	30.8	27.7	27.2	31
962	", "	29.0	29.8	28.9	33.5	33.4	30.2	29.9	35
963	:	30.5	31.2	30.4	34.9	34.8	32.5	32.2	38
964	1	32.6	33.3	32.5	37.1	37.1	34.8	<b>35</b> .0	42
904,	,, 00.7	, 02.0	1	i					
1965	36.1	35.1	35.7	35.1	40.1	40.0	39.0	39.0	48
1966		38.8	39.2	38.7	44.7	44.7	41.9	41.9	51
1967		41.2	41.4	41.2	48.8	46.8	43.8	43.9	50
1968		45.2	45.4	45.2	51.1	51.2	47.5	47.9	55
1969	``I	49.8	49.9	49.8	55.5	55.8	49.6	49.7	54
1809	30.1	1	1		ļ				
1970	' 52.9	52.6	52.7	52.7	56.0	56.0	49.5	49.7	50
1971		55.7	55.9	55.7	57.2	57.3	54.9	55.0	56
1972		61.5	61.5	61.5	62.9	63.1	61.1	60.6	62
1973		69.2	69.0	69.2	71.2	71.3	69.0	65.6	
1974		76.0	75.9	76.0	77.3	77.5	70.6	68.1	63
		!		1			-n-	77 7	74
1975	79.8	79.8	79.7	79.6	78.1	78.2	79.7	77.7	1
1976		89.2	89.1	89.2	88.6	88.8	88.1	87.6	1
1977		100.0	100.0	100.0	100.0		100.0	100.0	1 172
1978	:	113.9	114.1	114.0	113.1	113.1	112.5	111.3	1 :==
1979		128.8	129.0	128.9	126.6	126.8	121.7	119.1	106
		1	1	1 444.0	1 425 4	134.8	126.7	126.2	101
1980		140.9	141.4	141.0	135.1 147.5		149.5	147.6	_
1981	·	155.9	156.4	156.1			146.1	145.6	
1982	<sup>1</sup> 163.5	162.8	164.1	163.0	147.2	170.0	170.1	1	1

Wages and salaries of employees plus employer's contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplemental payments for the self-employed.

ductivity, hourly compensation, unit labor costs, and unit nonlabor payments.

Source: Current and constant dollar gross product and employee compensation data from the Office of Business Economics, U.S. Department of Commerce. Labor input, compensation of all persons, and real compensation per hour data from the Bureau of Labor Statistics, U.S. Department of Labor.



<sup>&</sup>lt;sup>2</sup> index for employees not shown separately because it is identical to figures shown.

<sup>&</sup>lt;sup>3</sup> Total payments in current dollars per unit of output (GDP Deflator).

<sup>\*</sup> Compensation of all persons per unit of output.

<sup>\*</sup> These data were basic measures used to develop the indexes of pro-

n.a. = not available.

Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, **selected years, 1947-81** [1977=100]

	Output	per emp	loyee hour	Er	nployee	hours			Output	per emp	loyee hour	Eı	nployee	hours	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All cmploy- Jes	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ-	Pro- duction work- ers	Nonpro- duction workers <sup>1</sup>	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put
		lt	on mining,	crude or	e SIC 10	)11				Iron mir	ning, usable	ore SIC	:	'. Continued	:
1947	-	35.2		_	207.1	_	72.9			İ					1
1950	-	37.3	_	i	212.8	_	79.4	Rates of				!			
1955	52.5	45.5	95.6	168 5	194.5	92.6		change 3				İ			
1960	<b>50</b> 4	54.5	400.4					1947-81		3.0		_	- 2.0	_	1.0
1961	59. <b>4</b> 67.1	51 5 60.2	108.4 100.8		188.3		96.9	1976-81	4.6	4.8	3.8	2.2	-2.4	- 1.4	2.3
1962	73.1	65.2	113.3		142.4 138.6	85.0				Co	pper mining	crudo	VA EIC 1		·
1963	83.3	72.9	141.9	115.9		79.7 <b>68</b> .0	90.3 96.5		· ·			, ciudo (	,		
1964	89.6	77.8	160.3	121.6		68.0		1947		31.1	_		113.5		35.3
i		ļ					.00.0	1950	_	36.1	_	¦ –	105.5		38.1
1965	85.3	74.4	147.9	130.2				1955	46.1	41.4	72.0	99.3	110.6	63.6	45.8
1966 1967	84.4	74.3	139.1	134.0			113.1	1960	57.2	54.6 <sup>l</sup>	67.4	07.0	404.0		.i
1968	86.1 93.5	76.2 84.3	137.9 137.5	131.4 129.7	148.4		113.1	1961	60.4	56.0	67.1 80.1	97.0 97.4	101.6 105.0	82.7	•
1969	99.7	90.5	141,2	129.7	143.9 142.1		121.3	1962	66.1	61.3	88.0	93.9	101.3	73.4 70.6	1
	30	00.0	14:,2	120.0	192.1	91.1	128.6	1963	66.2	61.4	88.1	91.8	99.0	69.0	
1970	99.9	90.2	146.4	132.3	146.6	90.3	132.2	1964	72.3	67.4	93.9	89.4	95.9	68.8	
1971	98.6	89 4	139.6	124.4	137.1	87.8	122.6	100-	i	i		2. 1	- 5.0	20.0	
1972	108.0	98.2	153.4	108.8	119.7	76.6		1965	72.3	66.6	99.0	100.0	108.5	73.0	
1973	113.2	103.1i	159.2	121.2	133.1	86.2	137.2	1966	73.7	67.8	101.8	106.1	115.4	76.8	
1974	107.9	98.1	152.2	126.4	139.0	89.6	136.4	1967 1968	62.5 69.6	64.1 70.1	57.7	85.3	83.1	92.3	1
1975	112.7	100.4	450.5	4400	454.5			1969	77.9	73.8	68.0 94.4	102.0 119.4	101.3 126.0	104.4	
1976	113.5	102.4 103.5	158.5	119.8	131.6	85.2	- 11			7 0.0	54.4	118.4	120.0	98.5	93.0
1977	100.0	100.0	157.2 100.0	124.4 100.0	136.4 100.0	89.8	(1	1970	84.8	80.0	104.1	125.7	133.2	102.4	106.6
1978	116.8	107.2	158.3	126.7	138.1	100.0 93.5	- 11	1971	86.6	85.4	90.5	115.2	116.8	110.3	99.8
1979	125.5	115.4	168.2	128.7	139.9		161.5	1972	91.8	86.4	114.2	118.9	126.4	95.6	
;	1	!				30.0	101.5	1973	92.0	85.6	120.4	127.5	137.0	97 4	117.3
1980	129.0	123.6	147.5	103.8	108.3	90.8	133.9	1974	85.7	82.0	99.9	136.7	142.9	117.3	117.2
1981 2	138.3	130.5	167.6	103.6	109.8		143.3	1975	97.2	06.4	00.0	440.4	100.0		
Rates of	i		į	!	!	1	ll ll	1976	87.2 99.2	86.4 98.0	89.6 103.1	119.1	120.2	115.8	
change 3	1	:	1	į	į	!	ji	1977	100.0	100.0	100.0	111.5	112.9	107.3	
1947-81	!	4.2		į į				1978	109.6	109.1	111.1	92.5	92.9	100.0 91.3	
1976-81	5.3	5.5	4.5	-2.2	-2.0 -2.4	-	2.2	1979	103.8	102.0	109.9	108.2	110.1	102.2	
	ېن.ن ساند ـ سست	i.	4.5	-2.2	-2.4	1,4¦ 	3.0				1				
	•	lro	n mining, u	sable ore	SIC 10	11		1980 1981 ²	100.3 100.6	99.8 99.8	101.9 103.1	94.9 117.0	95.4 117.9	93.4 114.2	95.2 117.7
1947	i	51.5	_:	_	207.1		106.7	Rates of	!	ļ	j		!	!	
1950	!	52 9	i		212.8	1	112.6	change <sup>3</sup>	1	İ	i	-	i		
1955	72.0	62.4	131.1։	168.5	194.5		121.4	1947-81	_ !	3.9		i	0.0	 	
1000			ł		1	ļ	l	1976-81	0.1	.1	0.1	0.7	0.2	0.6	4.1 .8
1960 1961	70.1	60.8	128.0	163.1	188.3	89.4		ļ		1-	``.	·····		0.0	.0
1962	73.2° 78.1	65.7 <sup>1</sup>	110.0	127.7	142.4	85.0	93.5			Copper i	mining, reco	overable	metal SI	C 1021	
1963	87.8	69.6 76.9	121.0 149.7	123.5 115.9	138.6 132.3	79.7! 68.0 <sub> </sub>	96.4	1047		·····	т.		<del></del>		
1964	96.6	83.9	172.8;	121.6	140.1	68.0		1947	-	45.5	-	-	113.5 <sub>1</sub>	-	51.6
1						00.0	117.5	1950 1955	61.6	52.2	06.0	00.0	105.5		55.1
1965	95.3	83.1	165 2.	130.2	149.3	75.1	124.1	1833	01.0	55.3	96.2	99.3	110.6	63.6	61.2
1 <b>966</b>	98.4	86.7	162.2	134.0	152.2	81.3	131.9	1960	68.4	65.3	80.2	97.0	101.6 <sup>[</sup>	93.7	66.2
1967	98.6	87 3	157.9	131 4	148.4	82.0	129.5	1961	73.5	68.2	97.5	97.4	105.0	82.7 73.4	66.3 71.6
1968	106.1	95 6	156.0	129.7	143.9	88 2	137.6	1962	80.3	74.4	106.8	93.9	101.3	70.6	75.4
1969:	110.6	100.4	156.6	129.0	142.1	91.1	142.7	1963	81.2	75.3	108.0	91.8	99.0	69.0	74.5
1970	111.1	100 2	160 0	1000:	140.0	امما		1964	85.7	79.9	111.3	89.4	95.9	68.8	
1971	108.4	98.3	162.8 153.5	132.3 124.4	146.6; 137.1:	90.3	- 11	1065	00.0	70.0				:	
1972		107 4:	167.8	108.8 <sub>1</sub>	119.7	87.8 76.6		1965 1966	83.3	76.8,	114.1	100.0	108.5	73 0;	
1973	122.6	1116	172.4	121.2	133.1	86.2;		1967	83.0 69.2	76.3 71.0	114.7 63.9	106.1 85.3	115.4	76.8	88.1
1974	1138	103 5,	160.5	126.4	139.0	89.6		1968	73 2	73.7	71.6	102.0	83.1 <sub> </sub> 101.3 <sub> </sub>	92.31 104.4 <sup>1</sup>	59.0 74.7
1075			i	l.				1969	80.6	76.3	97.7	119.4	126.0	98.5	96.2
	1178	107 1	165.6	119.8	131 8	85 2		ţ	!	- 1				10.0	
	115.9	105 7	160.6	124.4	136.4	89.8		1970	85.5	<b>8</b> 0 7;	105.0	125 7	133.2	102 4	107 5
	100 0 119.2	100 0 109.3	100.0: 161.5	100.0:	100.0	100 0		1971'	82 9	818	86.6	115 2	116 A	1103	95 5
		115 6	168.4	126 7! 128.7	138.1 139.9.	93.5 96.0	101.0	1972 1973	88 1	82.9	109 6	118.9	126 4.	95 6	
-	•		.00 4	. 20.7	100.0.	30 U( )	101.7	1973	85.8 75.2	79 9 71 9	112.3 <u>.</u> 87.6	127.51	137 0'	97.4	
000	127 5	122 2	145 7	1038	1083	90 8 1	1323	· • • • ·	, , , ,	, , 3	07.0	136 7	142.9	117.3	102.8
			. • .												
		128 4	164 9	103.6	109.8	85.5		1975	77 2	76.5	79.4	119 1:	120 2	1158	92.0



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output	1	loyee hour	En	nployee I	nours			Output		oyee hour		ployee I Pro		Ou1-
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Alí employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	duction work- ers	Nonpro- duction workers 1	put
	Сорг	er minin	g, recovera	ible meta	I SIC 10	21—Contini	ued		Bitu	minous C	oal <b>and</b> lign	nite minin	g SIC 12	21—Continu	ed
976	94.7	93.5	98.4	111.5	112.9	107.3	105.6	1970	142.3	138.4	187.7				87
977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1971	131.0	1 -	128.3	1	60.8 70.8		79 86
978		I .	109.0	i			99.5 105.8	1972 1973		1	144.2 137.6		68.8	62.2	85
979	97.8	96.1	103.5	100.2	110.1	102.2	100.0	1974			130.7	71.0	71.7	66.8	87
980		1	i	1			86.6 112.7	1975	105.2	104.5	109.7	89.2	89.8	85.5	93
981 3	96.3	95.6	98.7	117.0	117.5	117.6	112.7	1976	103.0	102.7	104.7	•	4		98
Rates of		!		İ		ĺ	!	1977 1978			100.0 92.1		1		100
<b>change</b> <sup>3</sup> 947-81		2.3	! !	.  _	0.2	l _	2.5	1979	. 99.6	4	90.1	112.8		1	1
976-81		:		0.7	.7						00.0	405.0	1001	120.5	110
••		L-4	Coal mir	ina SIC	111, 121	l		1980 1981 <sup>2</sup>	1	1					
947		44.2	i		242.0		106.9	Rates of change 3	!		 				
950			il	-	180.6		86.6	1947-81		3.2	l _		↓ <sub>↓</sub> –1.8	i –	1
955	.: 74.9	68.3	164.7	97.8	107.3	44.5	73.3	1976-81		I		1.2	.5	4.5	4
960 961		1			1					Nonm	netallic mine	erals, exc	ept fuels	SIC 14	•
962		•	133.5	5 59.€	61.6	48.6	64.9	1954	_	51.1	_	_	95.8	_	4
963				1	1			1955		- 53.4		-	99.9	-	5
964	. 121.0	117.4	131.7	01.0	03.2	-	!	1960	61.6	58.5	77.1	104.2	109.7	83.3	6
965	128.3					i		1961	64.2	61.3	78.1	102.0	106.8		1 .
966 967		1						1962					1	·	
968	. 143.5	141.8	155.	1 56.3	57.0			1963 1964		- 1	1		1 -	1	1
<b>96</b> 9	144.7	142.4	157.9	9 57.	58.0	52.3	82.6	i		726	00.6	106.0	110.7	88.0	7
970	. 141 1	1. 137.5	165.4	62.0				1965 1966		1	1	- 1		:	
971						1		1967	. 77.	9 75.2				1	. 1 _
972 973	124.4 125.5		1		1		86.0	1968 1969		1			1		
974	122.	5, 121.3	130.0	71.	72.2	67.4	l¦ 87.6	1503	Í				İ		1
975	105.3	3: 104 7	7 109.	2 89.	3 89.8	86.1	94.0	1970		1					
1976	103	1 102.8	104.	7 95.	95.€	93 9	98.3	1971		1	i			92.7	7 9
977 .	100 (	01 100 ( 4; 109.6					0 100.0 3 96.0	1973	. 1 97.	2 96.0	1			1	
978 979	99.			- !			111.8	1974	93.	6 92.1	96.		1	1	1
9 <b>8</b> 0	. 112.	5 115.3	3. 98	9¦ 105.	7 103.1	120.2	2i 118.9	1975 1976	: 90. 96.	•	1	1		L .	. 1 -
981 2	122.					109.9	9 117.4	1977	100.				0 100.0	0 100.0	) 10
Rates of		-			ļ	ì	!	1978				1			
change .	1	2	2		- 2:	: 	-, 08	1979	i	1	Î t	!			ŀ
1947-81 197 <b>6-81</b>	3			1, 1.		5: 4·		1980 1981 <sup>2</sup>	: 96. 97.			1		·	
	1	Bitum	inous coal	and light	• te mining	SIC 121		Rates of		•	!			!	
1047	İ	43	4		210 2		-: 91.2	change 3 1954-81		_' 2.	8		.: - 0.	1 -	_
194 <i>7</i> 1 <b>9</b> 50		_		- 		7	- 74.7	1976-81	0.		5 2	4 0.	7 (1	) 3.0	0
1955	76	5 69	3 181.	6 87	9 97.0	37.0	0; 67.2			C	rushed and	I broken	stone Si	C 142	•••
1960	92	3 88	6 119	5 65.	1 67.8						•	ı	•		ا ا
1961	102	3 99	0 125					1958	53	6 52.	.1 62.	.1 101.	9, 104	, 87.	9  8
1962 1963	109 114			_				1960	55						9 6
1964	122.							1961	56 50						
1965	129	3 126	0 151	5 57	3 58	8 48	9 74.1	1962 1963	59					2 95	3. (
: <del>9</del> 65 1966	135					2 51	1 772	11	66				8 108	0 95.	1
1967	138						_	1965	69	9 68	0 81	2 109	9 113	0 94	6
1968 1 <del>9</del> 69	144 145							1966	74						4 (
		end of t													



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output	per emp	loyee hour	Er	nployee	hours			Output	Der amo	loyee hour	E-	nolouse	hous-	Т -
Year	All employ-	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers <sup>1</sup>	Out- put	Year	All employ-	Pro- duction work- ers	Nonpro- duction workers 1	All employ-	Pro- duction work- ers	Nonpro- duction workers 1	Out- put
	(	Ciushed	and broken	stone S	IC 142—	-Continued			Pre	served f	ruits and ve	getables	<del>'</del>	3—Continu	. <u>.</u> ' ed
1967 1968 1969	80.5	72.9 79.1 80.8	79.9 67.7 91.8	103.9	105.7	98.1 95.3 95.1	78.4 83.8 87.3	1963 1964	87.9		75.3 75.8				
1970 1971 1972 1973	83.1 80.9 85.5 94.0	82.6 81.3 84.8 93.9	85.3 78.9 88.8 94.6	106.2 110.2 110.0 115.1	106.8 109.7 110.9 115.2	103.4 113.0 105.8 114.4	88.2 89.2 94.0 108.2	1965 1966 1967 1968 1969	70.0 73.8 75.8	89.0 68.7 71.8 73.4	79.0 79.0 89.8 91.0	95.2 96.5 96.4	99.5 99.3	82.4 84.3 79.5 80.1	66.8 71.2 72.9
1974 1975 1976		92.7 93.7	88.8 81.8	11 <b>6</b> .5	115.7 100.4	120.9 115.0	107.3 94.1	1970 1971	79.7	74.9 78.8 82.3	91.2 87.3 88.2	98.4 95.2 96.9	96.8 97.8	83.0 88.9 91.3	75.9
1977 1978 1979	93.7 100.0 109.0 108.4	94.3 100.0 107.8 106.9	90.6 100.0 114.6 118.3	100.1 100.0 101.1 107.4	99.5 100.0 102.2 108.9	103.5 100.0 96.0 100.1	93.8 100.0 110.2 116.4	1972 1973 1974	84.6 93.1 91.7	83.8 93.0 90.4	89.9 93.7 89.9	100.3 100.4 98.7	101.3 100.5 100.1	94.4 99.8 90.6	84.9 93.5
1980 1981 <sup>3</sup>	103.3 104.1	103.1 106.5	104.5 93.8	100.3 91.3	100.5 89.2	99.1 101.3	103.8 95.0	1975 1976 1977 1978	93.7 100.1 100.0 104.4	92.5 99.4 100.0 103.9	101.4 105.2 100.0 107.3	94.5 92.7 100.0 102.4	95.7 93.4 100.0	87.3 88.2 100.0	92.8 100.0
change * 1958-81 1976-81	3.3 1.8	3.4 2.0	2.3 .9	0.3 1.1	-0.5 -1.3	0.6 —.3	3.0 .8	1979 1980 <sup>3</sup> Rates of	99.3 101.2	99.8 102.4	97.9 95.1	104.0	102.9 103.7 100.0	99.8 105.5 107.7	106.9 103.3 102.4
				niik SIC 2				change <sup>s</sup> 1947–80	2.9	3.0	2.1	0.8	0.7	1.5	3.7
1958	48.5	-	-	185.0	-	-	89.8	1976–80	.1	.8	-2.2	2.2	1.7	4.6	2.3
1960 1961 1962	50.9 51.9	_		183.2 180.7	_	=	93.3 93.7	1958	53.8	Canne 53.4	od fruits and	133.1	bles SIC	2033 129.8	71.3
1963 1964	54.2 57.4 58.8			175.8 171.8 170.7			95.3 98.6 100.0	1960 1961	57., 57.9	56.5 56.5	68.2 70.0	131.3 132.4	134.1 135.7	111.1 109.8	75.8 78.7
1965 1966 1967	59.3 81.0 82.9			168.2 181.5 156.0		_	99.8 98.5 98.1	1962 1963 1964	59.8 66.4 68.0	58.2 65.9 68.0	74.2 70.3 87.9	132.7 123.6 125.1	136.2 124.6 125.1	106.9 118.8 125.4	79.3 82.1 85.1
1968 1969	66.5 89.8 73.7			147.0 140.9		_	97.7 98.0	1965 1966 1967	68.6 70.0 72.0	68.6 70.0 70.8	67.7 89.4 81.9	123.2 124.2 126.7	123.1 124.1 128.9	124.8 125.3 111.4	84.5 86.9 91.2
1971 1972 1973	79.4 85.1 88.4 90.9			127.3 120.9 113.8		-	99.2 101.1 102.9 100.4	1968 1969	71.8 74.9 78.4	70.4 73.4 75.9	83.0 87.3 80.0	126.1 124.2 118.1	128.5 128.7	109.1 106.5 110.9	90.5 93.0 88.7
975 978 977	95.5 99.5			104.1 101.1	-		98.3 99.4 100.8	1\$71 1972 1973 1974	78.7 84.5 94.4 93.3	78.3 84.7 94.2 91.1	61.5 63.3 95.2 113.7	118.0 109.1 108.2 104.9	116.6 108.9 108.4 107.5	112.0 110.7 107.2 86.1	91.3 92.2 102.1 97.9
978 979	100.0 108.1 118.2	-		100.0 94.3 87.8		- '	100.0 101.9 102.0	1975 1978 1977	92.2 102.3 100.0	90.4 101.2 100.0	107.7 109.4 100.0	102.7 96.3 100.0	104.8 97.3 100.0	87.9 90.0	94.7 98.5
980 981 <sup>3</sup> Rates of change <sup>3</sup>	124.8 130.7	-		82.1 77.9			102.5 101.8	1978 1979 1980 <sup>3</sup>	103.7 101.4 100.8	103.4 102.5 103.1	106.2 93.6 85.4	98.0 101.8 98.0	98.3 100.7 95.8	95.7	100.0 101.8 103.2 98.8
958-81 976-81	4.5 8.2		_	-3.9 -5.5		_	0.4	Rates of change 3 1958-80 1976-80	3.3 2	3.4 .8	2.8	1.8	-1-7	1.0	1.6
047	40.5	· · <sub>T</sub>	ed fruits an					.5,5 55			-5.5 Irain mill pr	.5 oducts S	3 IC 204	8.1	.3
947 950 955	40.5 48.4 54.2	38.2 45.8 52.4	60.2 50.0 87.2	83.3 79.3 81.9	88.2 80.3 84.8	73.8	33.7 36.8 44.4	1963 1964	81.0 64.3	60.8 64.3	81.5	103.4	103.8	102.6 101.5	83.1 85.2
960 9619	58.8 60.3 63.2	57.3 58.8 61.5	68.4 71.8 75.6	89.9 89.5 89.2	92.0 91.9 91.7	75.2	52.7 54.0 56.4	1965 1966	66 0 68 8 73.0	66.0 69.2 72.8	85.8 87.7	99.2 99.1	99.2 98.6 101.2	99 6 100 <b>7</b>	65.5 88.2 73.7



Table 98. indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output p	ser emp	oyee hour	Em	ployee I	nours			Output (		loyee hour		ployee	riours	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- 103	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put
		Grain	mill produc	ts SIC 2	04—Con	itinued			Cei	real brea	kfast foods	SIC 204	3—Conf	tinued	····
968		75.9			99.3	94.3	75.4	1970			82.8	71.2 75.0			85 69
969		77.8	80.4	100.8	101.8	98.0	78.8	1971 1972 1973	97.8	94.5 99.8 85.9	81.1 87.5 95.0	76.5	75.0 81.8	85.4	74
970	79.7 83.3	78.9 82.5	81.9 85.4	100.2 95.3	101.3 96.2	97.5 93.0	79.9 79.4	1974		93.1	87.3	1	84.0	P	l .
971 972	85.5	84.5	87.8		102.2	98.4	86.4		J						
973	81.7	80.0	86.3	102.9	105.1	97.5	84.1	1975	94.8	95.3	92.0	66.9	86.5		
974		86.0	(		102.5	101.0	88.1	1978	100.0		95.8	1	88.8	1	1
					ĺ			1977		100.0	100.0				,
975	87.1	86.2			103.8	100.0	89.5	1978		101.9	100.2		98.3		
978		91.1	91.1		102.9	102.9	93.7	1979	107.8		122.8		99.3 97.6		1
977		100.0	1		100.0			1980 ª	106.5	104.5	119.4	95.8	97.0	05.4	102
978		101.0		1	;	104.1 100.0		Rates of		İ		1		l	
979 980 <sup>2</sup>		101.5 107.8	1		102.8 101.0			change <sup>3</sup>							
900	. 107.5	107.0	107.3	101	101.0	10110	10017	1963-80	1.8	1.4	2.9	2.8	2.8	1.4	4
Rates of change 3		<u> </u>						1976–80						-3.4	3
963-80 976-80	3.1		3.1 3.8		0.1 1	0.1 3	3.2 3.4				Rice :	illing SIC	2044		
		Flour s	ind other gr	ain mill p	roducts	SIC 2041	<u> </u>	1963 1964							
	-	1		1	T				Ī						
1947	. 36.7							1965	73.4		55.0				1
1950		1	1					1966			,				
955	. 41.9	41.5	43.2	188.9	190.6	103.1	79.1	1967 1968	. 81.3 88.0				t .	1	
960	. 49.4	49.5	49.5	182.4	182.2	182.2	90.1	1969			1				
1961	51.4	1			1				1 00.1	}	J	00.0		1	
962		1	_		177.9	158.1	91.7	1970	. 82.0	92.1	50.7	90.9	80.9	148.8	74
1963		57.9	65.2	152.1	156.1			1971	. 83.1		I .	1	75.0	120.0	
1964	62.8	61.4	66.8	147.1	149.9	137.9	92.1	1972	. 93.8					1	_
							20.5	1973		r					
1965					1			1974	.] 93.4	98.6	72.4	87.9	83.3	113.4	82
1966		1						4075	000	04.0	73.3	91.9	88.1	113.4	83
1967		1 -						1975						1	
1968 1969		1	1					1976 1977			1			- 1	100
1 809	75.0	, , , ,	'l ''"	1 .50.5	1			1978							
1970	78.6	78.0	78.6	123.4	124.4	119.8	94.5	1979	96.3				1		
1971		1 .			1	110.5	90.7	1980 ª	111.8			1 _		173.3	3 131
1972	80.8	78.9	87.7	7 106.7	109.3			lj	1	1	1	1	j		
1973								Rates of	İ	1	1	1			
1974	84.4	82.6	90.9	9 111.7	114.2	103.7	94.3	change <sup>3</sup>					٠.		
4075			85.0	8 112.6	112.6	112.6	96.8	1963-60							
1975 1978								1976-80	··	. 0.:		3.7	1 3.	1	1
1977					1	4		ļļ.							
1978						93.6	99.4	1		Ble	ended and p	prepared	tiour Sic	2045	
1979	98.		. [	3 100.1	102.4	t 96.2	99.4	·			Т	· -	T	1	Т
		1				. 1		1963	78.0						
1980 1981 <sup>2</sup>							102.8 104.2	1964	85.8	5 90.8	74.	90.5	85.2	2 104.2	2 77
			1				1	1965	87.	5 87.4	87.	9 85.8	85.9	9 85.4	
Rates of			į	1		ł		1966		89.9	90.	4 85.8			
change 3			1 _			_		1967							
1947-81	1							1968	95.9						
19 <b>76-8</b> 1	2.0	1.	9 5.	8 -1.	2:	3 -4.0	1.8	1969	98.2	92.1	9 114.	4 92.3	97.	5 79.	2 90
	· ·		Cereal brea	kfast foo	ds SIC 2	2043	<del></del>	1970 1971	107.4	ı	4 126.	1 73.4		7 62.	5 76
1963	79.:	3 <sup>'</sup> 81.	3 68.	9 87.0				1972							
1964						75.0	55.4	1973 1974			_!	. 1			
1965	83.0	84.	4 75.	2 89.	68.	7 77.	1 58.0	-							İ
1966					1	1		1975	106.	2 100.	1	1 -		l l	4 10
1967		. 1	- i		1 -	I	5	1978	110.						1 11
			1	- [				1977							0  100 2  100
1968	., 50.							1978	92.	5i 91.	2! <b>96</b> .		3: 109.		



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Cutput	T	loyee hour	Er	nployee	hours	-		Output	per emp	loyee hour	Er	nployee	hours	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonproduction workers 1	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out
	E	llended a	and prepare	d flour S	IC 2045-	-Continue	d 				Bakery p	products !	SIC 205		
1979 1980 <sup>2</sup>	91.0 104.8		101.2 115.5		113.2	97.9		1947	54.9		72.8	134.5	156.7	101.6	73
Rates of change 3	104.0	101.1	115.5	94.1	97.5	85.4	98.6	1950 1955	58.9	49.0 56.1	67.2 63.9		155.2 142.1	1 13.3 124.8	78
1963-80	1.1	1.0	1.5	1.2	1.4	0.9	2.4	1960	64.3	63.0	66.5		142.3	134.6	,
1976-80	-2.1	-3.2	1.1	8	.8	3.7		1962	87.2	64.0 66.4	87.8 68.6	13 <b>6</b> .0	139.0 136.8	131.2 132.3	
		·	Wet corn	milling S	IC 2046		<u>i                                    </u>	1963 1964		70.8 72.5	75.3 78.2	126.7 127.6	129.8 131.3	121.7 121.7	91
1963	39.2	37.2						4	! .	·			ł		
1964	41.9	40.2	45.8 47.2	126.4 120.4	133.2 125.5	108.7 106.9	•	1965 1966	77.5 78.4	75.1 75.5	81.3 83.0	125.1 124.4	129.0 129.1	119.2 117.4	
1965	44.5			İ				1967	82.8	79.0	89.8	118.1	123.8	109.2	
1966	41.5 42.2	40.2 41.6	45.2 43.7	126.1 132.1	130.0 133.6	115.8 127.8	52.3 55.7	1968 1969		79.9 80.5	92.7 92.2	118.5 119.0	123.1 125.2	106.2	
1967	45.1	45.8	43.0	131.8	129.4	137.9	59.3					118.0	125.2	109.3	100.
1968 1969	48.6 51.4	48.4 51.1	48.8 52.1	128.3 127.4	128.7 128.1	127.8	62.3	1970 1971	87.5 89.5	83.0 86.8	95.6 94.0	110.7 107.8	118.7 110.9	101.4 102.4	96. 96.
1		J	32.1	127.7	120.1	125.8	85.5	[  1972	94.1	91.8	98.4	107.1	110.0	102.4	
1970 1971	47.8 48.1	48.3 49.6	46.7 44.6	127.9	126.8	131.0	81.2	1973 1974	93.6 93.8	90.9 94.4	96.2 92.3	106.7 105.5	109.9 104.8	101.7 106.9	99. 98.
1972	62.6	64.2	58.8	118.2 111.8	114.7 108.9	127.8 118.9	56.9 69.9	ll i		1	1	i	j	100.9	<b>50</b> .
1973 1974	56.9 71.1	57.6	54.8	109.7	108.3	113.8	82.4	1975 1976	93.4 93.9	94.5 93.7	92.0 94.2	106.3	105.1 109.3	107.9 108.7	99. 102.
i	(1.1	72.8	66.8	103.7	101.3	110.3	73.7	1977	100.0	100.0	100.0	100.0	100.0	100.0	
1975	74.1	72.4	78.9	102.8	105.2	96.6	78.2	1978 1979	97.2 94.1	98.6 93.4	95.2 94.9	101.8 104.8	100.3 105.3	103.9 103.7	98.9 98.4
1976 1977	83.2 100.0	81.8 100.0	87.5 100.0	103.2	105.0 100.0	98.2 100.0	85.9 100.0	!		- 1			j	103.7	<del>50</del> .4
1978	102.0	100.7	105.6	100.0	101.3	96.8	102.0	1980 1981 *	92.3 98.0	90.7 96.7	94.9 100.2	104.3 101.0	106.2 102.4	101.5 98.8	96.3 99.0
1979 1980 <sup>2</sup>	110.8 1 <b>29</b> .2	114.5 131.1	101.7 124.4	96.3	94.9 94.9	106.9 100.0	108.7 124.4	Rates of			100.2	101.0	102.4	90.0	99.0
Rates of change s								change 3 1947-81	2.1	2.4	1.8	-1.1	-1.4	-0.8	0.9
1963-80	7.1	7.4	8.4	- 1.9	- 2.2	-1.3	E 4	1976-81	2	5	.4	7	3	- 1.2	8
1976-80	10.3	11.4	7.5	-1.8	- 2.5	1.0	5.1 8.6			s	Sugar SIC 2	061, 206	2. 2063		
1	Prep	ared feed	ds for anima	als and fo	wis SIC	2047, 204	8	1947	34.3		<del></del>				
1963 1964	61.3 64.1	61.1 63.5	81.7	99.3	99.7	98.7	60.9	1950 1955	40.5	30.9 36.8	58.8 66.1	150.3 139.4	166.9 153.7	87.6 85.5	51.5 56.5
	<b>94.1</b>	03.3	65.3	97.0	97.9	95.3	82.2	i i	48.4	45.4	63.8	115.6	123.3	88.1	56.0
965	66.2 69.5	66.2 89.7	66.2	94.5	94.8	94.5	82.8	1960 1961	57.5 61.4	54.0 57.8	74.9	115.4	122.9	88.7	66.4
967	75.1	73.3	68.8 78.9	94.8 96.8	34.2 99.2	95.5 92.1	85.7 72.7	1962	67.5	63.1	79.3 90.3	114.3 106.7	121.4 116.3	88.5 81.3	70.2 73.4
968 969	79.1 81.8	78.3 79.4	85.2 87.1	94.6	98.0	87.8	74.8	1963 1964	68.0 71.5	63.9 87.2	88.4 92.5	113.2 116.2	120.5 123.7	87.1	77.0
i	01.0	, 0.4	67.1	98.8	101.7	92.6	80.7			l		j	123.7	89.8	83.1
970 971	83.7 90.0	79.9 86.7	92.4	100.5	105.3	91.0	84.1	1965 1966	74.4 77.1	89.5 73.0	99.9 95.6		118.0 111.2	80.7 84.9	80.8
972	87.1	83.5	97.8 95.3	95.4 106.9	99.1 111 5	87.8 97.7	85.9 93.1	1967 1968	77.1	72.7	98.8	107.2	113.8	83.7	81.2 82.7
973 <b>974</b>	82.1 84.9	78.6 83.3	90.5 88.2		111.8 108.7	97.1 102.7	87.9 90.6	1969	80.5 78.8	75.2 73.9	106.9 102.7		115.0 115.0	80.9 82.8	86.5 85.0
975	85.0						l	1970	85.9	80.1	118.1	105.0	112.8	77.7	90.2
976	<b>85.9</b> 90.1	83.7 88.3	90.8 93.9	1	109.1 107.5	100.8	91.3 94.9	1971 1972	84.9	79.7	110.7	106.4	113.3	81.8	90.3
977 978	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1973	90.4 96.3	93.8	109.5 107.0		109.7 102.4	86.7 89.8	94.9 96.1
978 979		101.7 100.8	98.8 104.8		103.8 104.3	1	105.8 105.1	1974	93.2	89.2	112.8		106.0	83.8	94.5
980 ²	106.2	106.8	105.2		102.2		09.1	1975	94.0	93.8	94.4		101.8	100.9	95.3
Rates of	i	1	!	İ			][	1978 1977	95.8 100.0	95.2 100.0	98.5 100.0	1	108.4	104.8	103.2
change <sup>a</sup> 963-80	<b>9</b> n	2.0					_	1978	101.0	101.3	99.3	93.2	100.0 92.9	100.0 94.8	100.0 94.1
976-80	<b>2</b> 9 35	3.0- 4.0	2.9 2.8	0.6 2	0.8 6	0.7 .5:	3.5 3.3	1979	108.8	109.2	106.1	88.4	87.9	90.5	96.0
	•			4	01	.5.	J.J	1980	109.1	108.5	111.6	88.2	88.7	86.2	96.2



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued [1977=100]

	Cutput p		oyee hour	En	ployee I	nours					oyee hour		Pro-		Ou
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ali employ- ees	duction work- ers	Nonpro- duction workers 1	pu
•		Sugar	SIC 2061,	2062, 20	63Cor	ntinued				Be	et sugar Si	C 2063—	-Continu	ed	,
981 ²	103.4	99.0	127.9	98.1	102.4	79.3	101.4	Rates of							
Rates of change <sup>3</sup>								change <sup>3</sup>	2.6 3.0	2.8 4.0	1.1 -3.9	- 0.3 - 8.9	0.5 9.8		
947-81 976-81		•	2.3 5.0		-1.4 -2.0	0.1 5.2	2.4 5	1976–80			nd confecti	L			L
		Raw ar	nd refined c	ane suga	ır SIC 20	061, 2062		1947	36.5	34.2	50.7	138.7	147.9	1	5
58	51.9	48.6	64.7	124.5	132.9	99.9	64.6	1950 1955	34.3	35.0	31.4 41.2		144.4 120.7	i i	
960		1				94.3 92.2		1960			51.8				
961	-1	65.9	1		117.8	1		1961		52.0	53.0	i			
962 963				l –	123.1	1		1962			53.8		1		
963 964		1	ľ		1		1	1963 1964		57.3 58.3	66.0 67.6	1		_	
965	76.9	71.7	97.7	105.3	113.0	82.9	81.0			[			1	1	1
966		1 _	1	1		4		1965			73.9				7
967					115.7	92.4		1966			75.1 80.3		1 .		
968			99.5	106.7	113.0			1967 1968		4	82.4		1		1
<b>96</b> 9	79.6	77.3	86.9	102.0	105.0	93.4	81.2	1969				1			
970	86.1	83.4	94.6	99.3				1970	69.7	68.7	73.9	119.2	120.9	112.4	
971	82.8	80.1						1971	76.6		76.7		1		1
972								1972	85.9				L	· -	
973			1					1973			78.2	1	1		1 .
974	91.0	90.4	92.7	104.6	105.3	102.7	95.2	1974		1	89.4		1	4	
975		1						1975	90.8	94.6	77.3	94.7	90.9	111.2	
1976	92.5	1						1978	84.9					1	
977		1		1				1977	100.0	1	1		100.0	100.0	10
978			)					1978 2	107.9	1 -			99.9	89.2	2 10
979 980 ²			L	- 1	1			Rates of							
Rates of change 3								change <sup>3</sup> 1947-78	3.7	3.8	3.4	-1.0	_1.0	_0.7	,
195 <b>8-80</b>	2.1	 9¦ 3.:	3 1.	7 –1.	1 -1.4	0.	1 1.8	1976-78							
976-80						-5.9	.8	1		<del></del>	Mait bev	erages S	IC 2082		<u> </u>
			Beet	sugar SIG	2063		· ·	1947							
195 <b>8</b>	. 60.	59.	1 73.	7 95.	B 98.4	4 79.0	58.2	1950 1955		1					
1960			I .					1960	30.9	32.6	27.4	155.1	147.2	175.4	
1961		-1			1		1	1961			1				
1962		- '				·		1962			30.5				
196 <b>3</b> 1964		_				1		1963	37.4	1		1		- 1 -	
1065	82.	.i. 1, 79.	6 105.	1 100.	5 103.	7 78.	5 82.5	1964	40.2	42.1	33.8	130.2	101.		1
1965 1966					- 1		1	1965		3 44.5			1		- 1
1967				- 1		1		1966				1	1 _		
1968			1			90.	1 85.5	1967		1					
1969		_:	1			7 82.	7 92.1	1968		1 -		-1			
	92.	; 9 89.	8 120.	7 106.	2 109.	9 81.	8 98.7	i				1	1	_	1
1970	96.					1 72.		1970					1		
		5- 102.		.1 96.	5 99.	,		1971							
1971	105.							1972 1973	66. 73.	1			1		
1971 1972 1973	100.		n. 44^	.5: 98	9 101.	4 82.	93.2	1974			-1 -	1	-1	-1	
1971 1972 1973			9  113.		1	1									
1970 1971 1972 1973 1974	100 94.	2 <sub>,</sub> 91. 1 97.	0 105	.9 102				1075	00	1 00	0 00	9 104	R 104	8 1116	9
1971 1972 1973 1974 1975 1976	100 94. 98 101	2 <sub>,</sub> 91. 1 97. 7 100.	0 105 8 107	.9 102. 1 114	1 115.	1 108	.3 116.0	1975			_ 1		1 _		
1971 1972 1973 1974 1975 1976 1977	100. 94. . 98 101. 100	2, 91 1 97. 7 100 0 100	0 105 8 107 0 100	.9 102 .1 114 .0 100	1 115. 0 100.	1 108. 0 100.	3 116.0 0 100.0	1976	95.	97.	5 90.	8 99.	1 97.	0 104.	2
1971 1972 1973 1974 1975 1976	100 94. 98 101	2, 91 1 97. 7 100 0 100 2 101	0 105. 8 107. 0 100. 9 96.	.9 102 1 114 .0 100 .3 88	1 115. 0 100. 4 87	1 108 0 100 8 92	3 116.0 .0 100.0 .9 89.5		95. 100	97. 0 100.	90. 100.	8 99. 0 100.	1 97.0 0 100.0	0 104.2 0 100.0	2 0 1



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output	per emp	loyee hour	En	nployee	hours	1		Output	per emp	loyee hour	En	nployee	hours	1
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Output
		Mait	beverages	SIC 208	2—Cont	inued			Т	otal tobe	acco SIC 21	111, 2121	, 2131–	-Continued	
								1975					109.5	1	3
1980 1981 <sup>2</sup>	112.1 117.0	112.1 119.9	112.1 110.3		99.2 93.8		111.2 112.2	1978 1977	100.0	96.7 100.0	103.3 100.0	100.0	108.8 100.0		
Rates of change 3						:		1978 1979	102.8 102.2	102.5 103.6	104.4 94.5	1	100.3 99.5		1
947-81 976-81		5.7 4.2	6.1 4.1	-2.4 7	-2.2 7	2.8 6	1	1980 1981 *	102.2 101.4	105.2 104.0	87.9 88.4	101.7 105.0	98.8 102.4	\$	1
		Bottle	d and can	ned soft (	irinks Si	C 2086		Rates of						, 20.0	
958	57.7	50.4	62.9	74.5	85.3	68.4	43.0	change <sup>3</sup> 1947-81		3.0	0.2	-1.7	2.0	0.8	0
960	58.4	51.7	<b>63</b> .0	78.8	89.0	73.0	46.0	1976–81	<del> </del>			L	- 1.0		l
961	60.7	54.2	65.2			72.8	L .		Cigare	ettes, ch	ewing and s	smoking (	obacco	SIC 2111,	2131
962 963	65.1 67.1	58.5 59.2	69.6 72.8	78.8 81.4	87.7 92.3	73.7 75.2		1947	59.7	55.0	105.8	100.4	108.9	56.6	59
964	67.3	60.1	72.2		94.8	79.0		1950	68.3	63.1	118.7	92.1	99.7	53.0	62
965	87.8	60.9	72.5	87.3	97.2	81.7	59.2	1955	85.9	60.8	122.4	98.8	107.5	53.2	65
966	68.2	59.4	74.5		106.3	84.7		1960	75.5	70.8	115.5	104.8	111.8	68.4	79
967	66.6	58.5	72.2		107.2	86.9	82.7	1961	77.1	72.8	113.5	104.7	111.1	71.1	80
968 969	72.1 69.7	64.3	77.5		105.2	87.2		1962 1963		73.5 7 <b>6</b> .3	106.3	103.8	109.4	75.8	
909	69.7	64.0	73.5	96.4	105.0	91.4	67.2	1964		75.1	118.1 115.0	102.4 103.0	108.5 109.3	71.3 71.4	82 82
970	70.0	65.5	72.9	96.7	103.3	92.9	87.7	l <u>l</u>							ĺ
971 972	73.9 75.4	89.7 72.9	76.4 78.9	96.5 96.4	102.3 99.7	93.3 94.5	71.3 72.7	1965 1966	83.3 83.3	78.8 79.2	117.1 114.3	100.3 101.4	106.0 106.7	71.3 73.9	
973	78.3	78.7	79.3		99.7	96.5	76.5	1967	84.6	80.3	117.2	101.4	106.8	73. <del>8</del> 73.2	1
974	80.2	78.5	81.2		98.2	94.9	77.1	1968 1969	87.8	83.2 80.4	120.4 108.8	99.1 100.7	104.3 105.1	72.1 77.8	86.
975	87.2	88.1	87.7	92.7	93.8	92.1	80.8	l I							
978 977	94.2 100.0	93.5 100.0	94.8 100.0	97 3 100 0	98.1 100.0	96.9	91.7 100.0	1970 1971	85.3 89.3	81.1 85.9	118.1 112.9	103.9 98.3	109.2	76.3	
977 978	100.0	105.3	100.0	103.4	100.0	100.0 103.8	108.1	1972	89.8	86.5	111.4	101.9	102.2 105.8	77.8 82.1	87. 91.
979	105.8	109.1			102.3	107.7	111.6	1973		86.2	103.4	110.2	113.4	94.8	97.
980	109.8	116.4	106.4	104.9	99.0	400.0	1150	1974	89.9	88.2	99.3	106.9	108.9	96.8	96.
981 ²	113.0	1				108.7	115.2 117.3	1975	93.3	92.5	97.8	105.3	106.2	100.8	98.
Rates of								1978	96.7	95.4	103.8	107.4	108.9	100.1	
change 3								1977	100.0	100.0	100.0	100.0	100.0	100.0	
958-81	2.9	3.8	2.3	1.4	0.5	2.0	4.4	1978 1979	103.8 102.1	103.8 103.7	104.1 94.4	100.3 103.2	100.3 101.8	100.0 111.7	
976-81	3.5	5.5			5	2.5		1980				l			
		Tot	ai tobacco	SIC 2111	, 2121,	2131		1981 2	101.1 99.5	104.1 102.3	87.8 87.4	105.7 110.4	102.7 107.4	121.7 125.8	
947	41.8	38.4	87.1	164.5	201.3	88.8	77.2	Rates of change 3					ļ		
950 955	50.1 52.0	48.2 47.9	96.7 100.2		170.8 174.8	81.6 83.5	78.9 83.7	1947-81 1976-81	1.5 .5	1.8 1.3	0.6 3.8	0.3 1.0	(°) .1	2.4 5.4	1,0 1,4
960		85.8	108.0	ſ i	152.0	92.3	99.7					rs SIC 21			L
1961 1962		68.4 70.9	104.4 101.7	137.5 133.7	145.0 140.1	95.0 97.7	99.2 99.4		· · · •	,	Olgai		<b>∠</b> ,	,	·
963	1 1	74.4	112.3			90.5		1947	25.7	24.9	39.9	640.0	661.3	412.9	164.
964	80.2	75.5	125.1	137.5	148.1	88.2		1950 1955	32.0 35.8	31.2 35.0	43.7 45.7	511.1 498.7	523.7 509.0	374.2 390.3	
965	83.4	79.2	119.5	128.7	135.6	89.9			}	ļ			2500		
966 967		79.0 79.6	119.0 112.3	1 1	132.4 130.7	87.9 92.7		1960 1961	58.8 62.1	58 4 82.6	81.0 57.5	351.6 315.2	352.9 312.7	337.8 340.5	
968	86.2	82.3	116.8		129.0	90.9		1962	66.5	67.1	60.5	295.9	293.5	325.2	
969		81.8			128.1		102.9	1963 1964	71.8 79.1	71.7 77.6	68.8 98.3	278.7 323.5	278.1 329.9	287.7 260.4	
970	88 8	83.1	118.4	123.1	128.8	91.8	106.9	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	75.1	77.0	<b>5</b> 0.3		JE8.8	200.4	EUU.
971	913	88 0	1173	114.4	118.8	89.1	104.5	1965	,	81.5	81 8	282.5	282.5	282.1	
972	:		1107	, ,			104.4	1966 1967	80.8 <sup>1</sup> 78.0	79 8; 79 2	89.9i 67 4 <sup>1</sup>	,	259.9 249.4	230.8 293 3	
973	89 5	87 2 90 4	104 4 103.7	120 1 113 1			107.5 104.3	1968	809	81.8	72.5	254.4			205.



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output	per emp	loyee hour	Еп	nployee	nours			Output	per emp	loyee hour	En	nployee	hours	1
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	OI pi
-			Cigare SIC	2121—(	Continue	đ				Nonw	ool yarn mi	lls SIC 2	281—Co	ntinued	
69	. 84.4	85.6	74.0	233.7	230.4	2 <del>66</del> .6	197.2	1965 1966	84.6 81.6	83.2 79.9		78.6	79.9	61.5	
70	. 88.4	69.4	80.2	227.3	224.9	. 250.7	201.0	1967		76.1	120.2 102.8	81.5 79.6	83.5 81.1	55.5 60.0	2
71	93.7	93.8	92.8			203.8		1968	80.2	78.9	102.4	85.0		66.6	,
72	93.8	95.6	77.1	179.7	176.3	218.8		1969	84.5	83.3	105.7	88.0	1	70.4	
73	. 69.5	90.2	82.7	173.7	172.3	188.0	155.5		}						1
74	. 96.9	96.3	103.4	147.1	147.9	137.8	142.5	1970	84.3	83.6	96.7	84.1	84.6	73.3	
								1971	90.3	89.5	101.6	90.8	91.6	80.7	
5	. 93.7	95.2				149.9		1972	91.0	90.2	105.3		1	86.6	•
6 7	. 99.9	100.7	92.3	108.6	107.7	117.6		1973	85.0	84.1	99.2		105.7	89.6	
/ 8	. 100.0 . 96.2	100.0 96.8	100.0 116.2	I .	100.0 100.0	1 <b>00</b> .0 83.3	100.0 96.8	1974	89.1	89.4	87.1	96.3	96.0	98.5	
9		103.1	110.2			83.3		1975	101.2	102.0	92.6	81.2	80.6	88.8	
<b>6</b>	100.7	100.1	1.0.2	00.5	00.0	00.5	81.0	1976	93.5	93.1	100.1	95.9	96.3	89.6	
0	. 110.3	110.8	105.8	79.9	79.5	83.3	88.1	1977		100.0	100.0	100.0		100.0	
1 2						66.7		1978		104.1	105.4	99.6	99.7	98.5	
tes of						33.7		1979	103.9	103.8	106.1	95.3	95.4	93.3	,
ange <sup>3</sup>						_	_	1980	99.8	100.5		93.0	92.3	101.5	
7-81 6-81	4.8					4.8 9.2	1 1	1981 *	100.1	101.6	84.4	88.7	87.4	105.2	1
		L	Hosiery		<u> </u>			Rates of change <sup>3</sup>							
				0.0 220				1958-81	2.1	2.2	0.5	2.0	1.6	3.8	
7	. 18.9	18.1	30.0	238.9	248.6	150.5	45.1	1976-81	•	1.3		1.8	-2.2	2.3	
0	20.8		28.9			173.8			<u> </u>		<u>i</u>	<u> </u>		L	<u> </u>
5	. 23.5					167.5				Sawmill	s and plani	ng mills,	general	SIC 2421	
0		29.7	37.0		181.2	145.8	53.9	1958	65.2	66.7	55.3	131.9	129.0	155.6	
1	. 33.1	32.7	37.8			156.0		l							1
2 3	34.3	33.9	38.6 46.3		178.5 1 <b>64</b> .5	155.9 135.4	60.5 62.7	1960	67.1	65.4	86.1	133.6	137.0	104.1	1
۵ 4	. 38.8 . 41.4	38.1 40.8		!	164.0	132.2		1961	73.1	71.1	94.9	117.4	120.7	90.4	
~	7	40.0	50.4	100.7	104.0	102.2	00.0	1962	76.4	74.0	104.4	116.1	119.8	65.0	
5	. 414	40.6	50.4	169.6	172.8	139.4	70.2	1963	79.7	79.0	86.1	114.4	115.4	105.9	
6	45.5		1 :		172.8	145.6	77.4	1964	84.7	84.3	87.4	111.6	112.3	108.3	
7	. 51.1	50.7	56.0	167.8	169.2	153.1	85.8	1965	81.8	80.9	89.8	112.5	113.7	102.5	١,
8		47.7				169.7		1966		81.6			109.8	96.3	
9	. 55.2	55.0	57.1	186.1	186.6	179.8	102.7	1967		87.2		99.9		80.3 80.2	
_		_					!	1968		90.0		98.6		85.0	
<u>'</u> 0	65.5			1			110.9	1969		69.5				88.2	
1		l				175.2		]	ł						
2		t :	<b>}</b>	140.9 130.4		163.2 154.1	100.3 97.3	1970	90.0	90.1	89.2	97.0	96.9	97.9	
'3 '4. <sub></sub>	. 74.0 . 84.0			1	t .	124.7		1971	98.1	97.3	105.2	94.9	95.7	88.5	
<b>~</b>	. 64.0	65.8	/1.0	103.4	103.0	127.7	00.5	1972		106.8	114.1	95.0		89.6	
5	. 94.3	96.4	79.8	96.3	94.2	113.8	90.8	1973		99.8	106.0	99 0		93.6	
6		ľ		F	I	104.8		1974	95.4	95.9	91.5	96.7	96.2	100.9	'
7					1		100.0	1975	98.8	98.9	00.4	90.0	20.4	89.8	۱ ا
В		102.3		104.5	104.0	108.3	106.4	1978	103.2	103.1	98.1 103.2	89.2 95.5		95.5	
'9	. 106.5	108.4	92.2	110.4	108.5	127.5	117.6	1977				1			
_				1				1976	101.4	102.1	96.0	97.2			
0 1 <sup>2</sup>			85.8 91.0	1			115.7 127.7	1979		105.7	97.5	98.3	97.4	105.6	
ites of ange <sup>3</sup>								1980 1981 <sup>2</sup>		105.3 102.5	80.6 78.2	97.1 93.7	94.0 90.7	122.8 119.0	
7-81	. 6.1							Rates of							Ι΄
'6 <b>-</b> 81	1.5	2.0	- 2.3				5.0	change 3 1958-61	2.5					241	
			Nonwool y	arn mills	SIC 226	1		1976-81		<b>2.2</b> .5			1.6 1.3	(4) 5.1	
8	59.9	58.7	71.9	66.2	67.1	54.8	39.4				Millw	ork SIC 2	2431		
30	. 65 3	64.2	62.0	65.1	66.2	51.8	42.5	1			T	<del></del> -	<del></del>		Γ-
31			67.1	63.2	64.1	51.6	45.1	1956	75 6	77.0	70.**	77.4	76.0	82.6	
32										. <b>-</b>	_				1
33 <b>.</b>		1			1		1	1960	1 .						
34	80.6	79.9	91.3	71.2	! 71.6	62.9	57.4	ll 1961	. 76.9	78.1	72.6	i 73.6	, ,,,,	. 70 N	



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output		loyee hour	Er	nployee	nours	_		Output	per emp	loyee hour	Er	nployee	hours	
Year	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers <sup>1</sup>	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put
			Millwork Si	C 2431-	-Continu	ied			Har	dwood v	eneer and	plywood	SIC 243	5—Continu	ed
1962	78.1	78.8	78.3	78.4	75.8	78.2	59.7	1978	89.1	88.7	93.2	93.9	94.4	89.8	83.
1963	86.0	86.0	86.5	79.2		78.2 78.7	68.1	1977	100.0	100.0	100.0		100.0	100.0	
1964	86.0	85.9	87.2	80.5	80.8	79.4	89.2	1978	100.7		107.7		104.3	96.7	,
965	85.8	86.1	85.2	81.8	04.5	90.4	70.0	1979 1980 <sup>2</sup>	101.2 100.5	101.1 101.3	102.4			103.3	
966	82.7	84.0	78.4	80.5		82.4 84.9	70.2 <b>66</b> .8		100.5	101.3	94.8	91.0	90.3	9 <del>6</del> .7	91.
967	92.8	93.3	90.1	78.4	77.8	80.8	72.8	Rates of							
968	93.9	93.7	96.0	83.8	84.0	82.0	78.7	change <sup>3</sup>			_				
1969	96.3	96.8	95.7	83.5	8:3.2	84.0	80.4	1972–80 1976–80	3.1 2.8	3.4 2.8	0.8 .5	2.4 2	-2.7 4	(1)	
970	95.9	97.6	89.7	80.4	79.0	86.0	77.1	1070-00	2.0	2.0	ن.	2	<b>-</b>	1.8	2.4
971	95.9	95.3	99.3	87.6		84.8	84.0			Softw	ood veneer	and ply	wood Sid	C 2438	
972	107.2	104.5	121.6	96.8		85.2	103.8						<del></del>	<del></del>	
1973 1974	102.3 92.7	101.8 94.4	106.7 85.5	102.3	103.1	98.1	104.7	1972 1973	93.5	92.7	100.4	98.5	99.3	91.7	92.1
017	92.7	84.4	<b>63.</b> 5	91.3	89.8	99.0	84.8	1973	92.4 91.1	93.8 93.9	81.7 72.3	99.8 89.4	98.3 86.7	112.9	92.2
975	100.2	102.6	90.9	83.9	82.0	92.5	84.1			50.8	/ Z.J	08.4	50.7	112.8	81.4
978		99.8	97.3	93.3	92.9	95.1	92.5	1975	100.5	104.1	78.1	81.7	78.9	105.1	82.1
1977 1978	100.0 91.5	100.0 91.5	100.0	100.0	100.0	100.0	100.0	1978		102.8	97.1	94.9	94.3	99.8	96.9
979	93.9	95.2	92.0 88.1	10 <b>5</b> .1 102.5	105.1 101.1	104.8 109.2	96.2 96.2	1977 1978	100.0 102.1	100.0 103.4	100.0 92.3	100.0 104.6	100.0 103.3	100.0 115.7	100.0 106.8
980 2	93.7	97.2	80.4	93.0	89.8	108.4	87.1	1979	93.4	96.3	74.1	101.1	98.0	127.4	94.4
Rates of		ļ					••••	1980 *	98.2	102.4	72.6	82.7	79.3	111.8	
change <sup>3</sup> 958-80	1.4	1,4	• 1.3	1.3	4.3	4.4	0.7	Rates of change <sup>3</sup>							
976-80	- 1.7	- 1.0	- 5.0	.2	1.3 8	1.4 3.8	2.7 1.8	1972-80	0.8	1.1	1.4	-0.2	-0.5	2.0	0.5
	1	Ven	eer and ply					1976-80	<b>– 1.5</b>	5	- 8.4	-2.6	-3.6	4.8	-4.0
											Household	furniture	SIC 251	1	
1958	41.7	40.4	55.2	82.2		82.1	34.3	1958	65.8	66.2	64.8	78.1	77.7	79.8	51.4
1960 1961	49.3 53.9	47.7 52.2	67.7 74.2	86.8 86.2	89.5 89.1	63.1 82.7	42.7 48.5	1960	87.1	66.4	72.0	83.5	84.4	77.8	56.0
1962	58.3	56.1	86.1	93.8	97.3	63.4	54.6	1961	67.7	66.9	72.8	79.8	80.7	77.0 74.2	54.0
1963		58.3	90.5	92.8	96.8	82.2	<b>56</b> .3	1962	89.8	68.8	77.7	85.0	86.5	76.3	59.3
1964	62.8	60.4	89.1	99.0	102.7	89.8	<b>6</b> 2.0	1963 1964	73.1 74.8	72.0 73.8	80.5 81.1	86.3 90.3	87.6 91.6	78.4 83.1	63.1
1965	64.0	62.1	85.6	106.5	109.8	79.7	68.2		74.0	. 0.0	0	50.3	91.0	65.1	87.4
1966	64.3	62.5	83.3	112.8	116.0	87.0	72.5	1965	77.2	75.8	88.3	94.2	96.2	82.3	72.7
1967 1968	69.9	68.5	82.6	101.5	103.5	85.8	70.9	1966 1967	78.7	77.0	90.4	98.1	100.2	85.4	77.2
969	73.5 73.2	71.7 71.9	91.1 86.2	105.1 103.7	107.7 105.8	84.7 88.0	77.2 75.9	1968	78.9 80.7	77.2 79.8	90.3 87.3	93.7 97.8	95.7 98.9	81.8 90.4	73.9 78. <del>9</del>
					, 65.0	55.5	70.0	1969	81.8	80 C	87.8	99.8	101 0	92.7	81.4
1970	83.2	83.0	83.7	94.4	94.8	93.8	78.5								•
1971 1972	87.6 89.8	87.3 88.8	90.8	100.8 106.8	101.2	97.3	88.3 95.7	1970 1971	82.2	82.2	82.9	94.7	94.6	93.9	77.8
1973	87.5	87.5	98.7 86.3	100.8	107.8 107.5	97.0 109.1	95.7 94.1	1972	86.5 94.3	86.3 93.7	88.3 98.1	96.8 105.2	97.0 105.9	94.8 101.1	83.7 99.2
1974	87.8	88.8	80.7	95.4	94.4	103.9	63.8	1973	97.3	94.7	117.8	103.2	110.6	88.9	104.7
					1			1974	95.7	95.9	95.2	100.8	100.4	101.2	96.3
1975 1976	97.8 97.9	99.9 98.1	83.2 96.3	82.3 94.5	80.8 94.3	96.8	80.5	1075	07.5	00.4					
1977		100.0	100.0	100.0	100.0	96.1 100.0	92.5 100.0	1975 1976	97.5 99.7	98.4 100.2	92.6 97.3	83.8 92.8	82.8 92.3	88.0 95.1	81.5 92.5
1978	101.7	102.2	97.5	104.2	103.7	108.7	106.0	1977	100.0	100.2	100.0	100.0	100.0	100.0	100.0
1979	95.7	97.5	82.6	102.3	100.4	118.5	97.9	1978	104.8	104.7	104.3	103.4	103.3	103.7	108.2
1980 ²	98.5	101.4	79.5	85.7	83.2	106.2	84.4	1979 1980 <sup>2</sup>	101.3 99.7	102.1 101.8	96.6	102.6	101.8	107.6	103.9
Rates of change 3								Rates of	88.7	101.0	89.9	97.2	95.4	107.8	96.9
1958-80	3.9	4.2	1.2	0.3	(*)	3.0	4.3	change 3		_			Ì		
976-80	3	.4	- 5.8	1.7	-2.4	3.8	-2.0	195880 197 <b>68</b> 0	2.3	2.4 .5	1.8 1.9	0.9 1.2	0.8	1.6 3.3	3.3 1.3
	· · · · · · · · · · · · · · · · · · · ·		ood veneer	and ply	<del></del>	1				Wood t	rousehold f	urniture :	SIC 2511		· · · · · · · · · · · · · · · · · · ·
972	84.9	83.5	97.0	121.3	123.3	106.2	103.0	1050	00 4		<del>-</del>				
19 <b>73</b> <sup>[</sup> 1974	80 5 83 4	78. <b>8</b> ; 81.7	95.5 99.6	121.8 106.4	124.3 108 6	102.6 89.1	98.0 88.7	1958 1960	66.4 67.9	65.91 66.41	69.2 <sup>1</sup> 80.5 <sup>1</sup>	74.6! 80.9!	75.1 <sup>[</sup> 82.7 <sup>1</sup>	71.5 <sup> </sup> 68.2;	49.5 54.9
	03 4	01,7	30.0	100.4	1000	<b>98.</b> 1	00 /	1961	68.3	66.9	78.9	77.2	78.8	66.8	52.7
975	92.5	92 4	93.5	83.6	83.7	82.7	77.3	1962	70.5	68.7	86.0	84.2	86.4	69.1	



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued [1977=100]

	Output	per empl	oyee hour	En	nployee	hours			Output	per emp	oyee hour	En	nployee	nours	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ-	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ot Pi
	Woo	d house	hold furnitu	re SIC 2	511, 251	17—Continu	ed			detai ho	usehold furi	niture SIC	2514—	-Continued	1
963	74.8	73.0	91.7	87.0	89.2	71.0	85.1	1962	68.9	67.2	78.1	_	92.8	79.9	
264		74.7	90.8			76.5		1963 1964	73.8 74.2	72.8 73.1	78.4 80.2		92.8 99.6	86.2 90.8	
65	78.9	76.5	101.2	94.9	97.9	74.0	74.9		i						
66	81.0	78.6	102.4	99.6		78.8		1965	77.5	76.5	82.4	1	1	91.7	
67		78.8	100.5	95.1	97.8	76.7	77.1	1966	75.8	75.3	78.2	1		96.3	1
68		81.6	96.8	97.5	99.5	83.9	81.2	1967		77.3	83.9	1		89.9	1
69	85.9	84.5	97.4	99.0	100.6	87.3	85.0	1968 1969		81.8 80.7	78.2 86.0			103.7 95.4	
70	83.5	83.0	86.6	90.9	91.4	87.6	75.9							400 -	
71		89.0	92.7	94.1		90.8	84.2	1970	85.6	86.5	81.5			103.7	
72	. 98.8	98.1	104.5	103.3	104.1	97.7	102.1	1971	87.0 94.0		83.7 97.2	1 .		100.9 100.0	
73		98.4	179.9			59.6		1972 1973			99.3			107.4	
974	. 99.8	100.3	95.8	100.4	99.9	104.8	100.2	1974	1	91.2	85.6			111.1	'
75		99.5	87.2			93.4	81.4	1975	94.1	96.9	83.3	83.6	81.2	94.5	
76		102.1	94.4	95.6		102.5		1976	96.3		90.3		6	98.2	
977	100.0	100.0	100.0	I .	1			1977		100.0				100.0	
978	1	105.8 103.1	98.0 90.5			111.8 110.0		1978	97.4	96.6	101.1	1		100.0	1
979 980 <b>*</b>		99.7	80.6				90.4	1979	89.9	90.8	85.7			111.1	
Rates of		00	i					1980 *	93.1	92.9	93.9	94.4	94.6	93.8	
change <sup>3</sup>								Rates of change <sup>3</sup>							
958-80			0.9					1958-80	2.0	2.1	1.4	0.2	0.1	0.8	
97 <del>8-8</del> 0	7	2	-4.1	7	-1.2	2.8	1.4	1976-80	_ 1.7	1				.1	
		Uphol	stered hous	sehold fu	rniture S	IC 2512				Mat	tresses an	d bedspri	ings SIC	2515	1
958	. 71.7	72.2	69.7	67.6	67.2	69.6	48.5	1059	51.2			<del>,                                      </del>	<del></del>	<del>,</del> -	
960	72.6	72.3	74.6	75.1	75.4	73.1	54.5	1958	1	50.0	33.1	118.2			l
961		72.5	84.1		1			1960	53.2		54.8				
962		73.2	85.3	76.8	78.5			1961					l .	117.5 119.9	
963			81.1					1962 1963			55.6 59.4			111.6	
964	. 78.2	77.3	83.2	80.2	81.1	75.4	62.7	1964				1		114.9	
965	. 80.2	78.8	88.8	83.9				1		60.2	65.2	122.2	124.5	114.9	
966			91.1					1965 1966	1	1	•			110.8	
967		_	90.3	1			1	1967		i	1 .			106.6	
968 969	. 80.9 . 80.1	79.4 79.1	90.7 86.8		L	1	1	1968	. 66.8	85.9	69.6	124.9		119.8	
		Ì			}			1969	. 64.9	63.7	68.8	128.9	131.3	121.6	
970		83.5 83.4	90.1 92.7					1970	67.7	67.2	69.0	120.4	121.2	118.2	2
971 972		5	95.3				1	1971	1	ľ	1	1		117.5	5
973			94.1			1		1972	. 83.5	l .	1		l	112.5	
974		91.1	96.0		1 -	E .		1973 1974		1	1		1	114.1 96.6	
975	97.2	96.6	100.9	63.6	84.2	80.6	81.3	1		02.7	100.0	100.0	100.4		
976		97.6	101.7			1		1975	. 96.9		1 :		1	85.0	
977			100.0		1 .		1	1976	. 99.2		1			1	
978	108.8	108.0	113.1		4	1		1977	. 100.0		1	i	1	100.0 94.1	
979			111.5	108.0				1978 1979			1		i		
980 *	. 101.9	102.3	100.1	103.3	102.9	105.2	105.3	1980 3	•	1	1		1		
Rates of change <sup>3</sup>							İ	Rates of							
958-80			1.6					change 3				-0.9		- 0.7	,
9 <b>76–8</b> 0	1.2	1.3	3.	3.8	3.7	4.3	5.1	1958-80 1976-80							
		Me	ital househ	old furnit	ure SIC	2514				L	Office f	urniture !	.i	.1	۰
1958	. 66.7	67.5	65.6	94.4	93.4	99.1	63.0	1050	64.0	626	- <del></del>	<del></del>	- <del></del>	45.2	
960	64.8	63.4	! ∤ 71.3	100.2	   102.1	90.8	64.7	1958	64.0	62.0	3.	51.	33.4	45.4	
961			72.3			1	1	1960	. 70.4	67.0	86.2	2 56.0	58.6	45.7	7



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output	per emp	loyee hour	Er	nployee	hours			Output	per emp	loyee hour	En	nployee	hours	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	Ali employ-	Pro- duction work- ers	Nonpro- duction workers 1	All employ-	Pro- duction work- ers	Nonpro- duction workers 1	þ
		Off	ice furniture	SIC 25	2—Conti	nued				Metai	office furnit	ure SIC	<b>2522</b> —C	Continued	<del>1.</del>
961	72.5	69.8	84.0	53.0	55.0	45.7	38.4	1962	77.9	75.4	88.1	64.6	66.7	57.1	5
962		71.5	88.1	56.0	58.9	47.8	42.1	1963	75.9	73.4	86.7	69.8	72.2	61.1	
963 964	. `75.∌ . 82.1	72.7 80.0	90.3 90.9	60.1 61.9	62.7 63.5	50.5 55.9	45.6 50.8	1964	82.9	81.5	88.6	72.1	73.4	67.5	
	-	00.0	30.5		00.0	33.8	30.0	1965	86.3	83.2	99.3	79.4	82.3	69.0	
65		81.1	98.1	68.3	70.9	58.6	57.5	1966	88.3	84.5	104.9	94.3	98.6	79.4	
66	86.7	83.0	103.5	78.3	81.8	65.6	67.9	1967	87.8	85.6	95.6	96.1	98.4	88.1	1
67 68		84.2 84.8	96.0	80.6	82.8	72.6	69.7	1968	86.2	86.4	85.3	98.2	97.9	99.2	
69	88.0	89.2	86.8 84.1	83.2 92.5	83.6 91.3	81.7 96.8	70.9 81.4	1969	88.5	<b>9</b> 0.5	82.2	109.1	106.7	117,5	
	1	-0.4						1970	78.0	80.8	69.7	100.7	97.2	112.7	
70 71		79.4 86.6	74.0 75.3	86.4	85.1	91.4	67.6	1971	86.4	90.8	74.0	90.4	86.0	105.6	•
72		91.7	92.1	77.2 90.1	74.8 90.2	86.0 89.8	64.8 82.7	1972	96.7	97.9	92.6	99.6	98.4	104.0	1
73		89.9	93.0	96.6	97.3	94.1	87.5	1973	97.9	98.2	96.4	107.1	106.7	108.7	11
74	83.1	80.7	93.5	99.8	102.7	88.7	82.9	1974	84.5	82.7	91.4	110.0	112.4	101.6	!
75	85.5	87.4	78.8	79.8	78.0	86.6	68.2	1975	88.9	92.8	77.7	87.4	83.7	100.0	
76	89.7	91.2	84.4	84.5	83.1	89.8	75.8	1976	94.8	98.6	83.7	89.0	85.6	100.8	
77	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1977	100.0	100.0	100.0	100.0	100.0	100.0	
78	100.1	99.6	102.1	108.0	108.5	105.9	108.1	1978	99.9	97.7	108.4	108.5	111.0	100.0	10
79		106.6	109.9	112.9	113.6	110.2	121.1	1979	104.8	102.1	115.2	105.5	108.3	96.0	1
BO *	108.9	114.5	92.2	115.6	110.0	136.6	125.9	1980 *	108.6	112.6	96.4	114.9	110.8	129.4	1
ates of nange <sup>3</sup>								Rates of change <sup>3</sup>							
58-80 76-80	1.8 4.7	2.1 5.3	0.6 2.7	3.6 7.8	3.3 7.1	4.9 9.8	5.5 12.8	1958-60 1976-80	1.8 3.2	2.1 2.9	0.8 4.3	2.8 5.8	2.5 <b>6</b> .1	3.9 <b>4</b> .7	
	· I		Vood office	furniture	SIC 252							1			
58	67.1	62.5	98.0	36.5	39.2	25.0	24.5		Paper, p	eperboa	rd and pulp	mills SI	C 2611,	2621, 2631	, 20
			30.0	50.5	38.2	25.0	24.5	1947	32.4	29.4	59.1	97.9	108.0	53.6	
30	68.0	63.7	96.1	40.0	42.7	28.3	27.2	1950	38.1	35.0	62.6	<b>96</b> .3	104.8	58.6	;
31		66.1	97.2	39.0	41.6	28.3	27.5	1955	43.2	40.4	62.4	107.3	114.9	74.4	
32 33		64.8 74.5	104.2 121.9	42.2 42.9	45.5 46.3	28.3	29.5	1000							
34		79.2	116.7	43.8	46.7	28.3 31.7	34.5 37.0	1960		48.8	59.8	108.3	112.2	91.6	l
, , , , , , , , , , , , , , , , , , , ,		, 5.5	110.7	40.0	40.7	31.7	37.0	1961 1962	53.9 <b>56</b> .0	52.2	62.3	104.9	108.3	90.7	
35	82.8	78.8	105.7	48.9	51.4	38.3	40.5	1963	59.3	54.2 57.4	65.4 68.7	106.3 105.8	109.8 109.2	91.0	
36	85.9	81.5	112.5	50.2	52.9	38.3	43.1	1964	62.3	60.3	73.1	105.0	110.6	91.3 91.3	
37		83.2	116.8	53.0	56.1	40.0	46.7	1004	02.5	00.0	73.1	107.0	110.0	81.3	l '
8.	87.7	83.3	113.9	56.2	59.2	43.3	49.3	1965	65.4	63.7	74.6	107.9	110.9	94.7	
39	91.9	88.8	108.4	62.9	65.1	53.3	57.8	1966	68.7	66.9	78.1	110.8	113.8	97.5	•
0	83.9	79.6	109.6	61.0	64.3	46.7	512	1967	67.6	66.1	75.0	112.2	114.8	101.2	ı
1	81.2	78.3	96.9	53.7	55.7	45.0	51.2 43.6	1968	71.9	69.9	82.3	113.5	116.8	99.2	
2	84.5	81.1	102.8	73.0	76.1	60.0	61.7	1969	74.8	72.5	86.0	114.9	118.5	99.9	
3	78.5	74.9	98.5	77.5	81.2	61.7	60.8	1055							
4	83.0	78.4	109.7	81.6	86.3	61.7	67.7	1970	77.5	75.8	85.7	109.8	112.2	99.3	
								1971		80.1	85.1	106.2	107.3	101.0	
'5 '6		78.3	91.6	66.3	68.2	58.3	53.4	1972 1973	87.9 91.5	86.7 90.2	93.1	105.6	107.0	99.7	
7		79.2 <sup>1</sup> 100.0	96.01 100.0 <sub>1</sub>	78.2 100.0	78.8 100.0	65.0 100.0	62.4 100.0	1974	91.5	90.5	98.3 95.2	106.1 105.7	107.7 106.8	98.8	
8		103.3	91.0	107.0	104.3	118.3	107.7	10/ 4	51.5	30.3	<b>3</b> 3.2	105.7	100.0	101.6	1
9	110.7		98.7	126.3	122.7	141.7	- 11	1975	86.7	87.7	82.3	94.7	93.6	99.7	1
Ю ³		117.4	84.0	116.8	108.6			1976	95.0	95.0	95.1	100.6	100.6	100.5	
ites of	,	;	:	j	-	1		1977	100.0	100.0	100.0	100.0	100.0	100.0	10
ange 3	,	1	1	ļ	;	į		1978 1979	103.2 105.4	103.7 106.2	101.1 102.2	99.2 100.6	98.7 99.8	101.3 103.7	
8-80		2 2	- 0.6	5.5	5.0	7.9	7.2		103.4	100.2	102.2	100.0	55.0	103.7	"
ا 80 <b>-6</b> ′	7.0	9.6 i	- 2.8	11.5	8.8	22.7	19.3	1980	105.4	106.6	100.7	100.1	99.0	104.8	
		N	letal office	furniture	SIC 252	2	]	1981 *	107.5	108.2	104.5	99.5	98.9	102.4	10
;					, .	· · · · ·		Rates of	i					;	
	64.5	<b>62</b> .7	71.7	60.0 <sub> </sub>	<b>61</b> 7i	54.0	38.7	change 3	1	1	ļ	I	i	ļ	
i8	. 04.5		•	ŀ		1	*1	404-0-1	امم	ا م م	ا جیم	1	استما	1	
8 0 1	72.7	<b>6</b> 9 3 <b>72</b> 5	87 4	64 9	68 1	54 O	47 2	1947-81 1976-81	3 8 2.3	4 1 2 5	2.1 1.4	0.1 1	- 0.2 - 3	1.7 .7	



A

Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

[1977 = 100]

	Output	per empl	oyee hour	Em	ployee I	nours		·	Output	per empl	oyee hour	En	nployee I	nours	
Year	Ali employ-	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees		Nonpro- duction workers 1	Oi.
	†i	Pa	aper and pi	astic bag	s SIC 26	343			C	orrugate	d and solid	fiber bo	ard boxe	s SIC 2653	
)54	55.2	53.0	66.6	69.6	72.4	57.7	38.4	1958	49.9	47.9	58.9	72.3	75.4	ს3.5	3
55			69.4	: 1				1960	50.6	46.1	59.1	81.5	85.6	69.7	4
00	. 61.1	60.3	64.9	80.8	81.9	76.1	49.4	1961	53.4	50.7	62.6	82.4			4
60	1 .		70.4	1			. 1	1962	54.1	51.1	65.4	86.8	919	71.9 <sup>[</sup>	
61 62			72.2		'	74.9		1963	57.7	55.2	68.5	86.3		•	
33			73.6			83.3		1964	58.9	56.4	67.5	91.5	95.5	79.8	
		1	71.7		92,7	88.9			,			! 	! !		
64	. 68.3	00.7	71.7	31.5	82,1	00.0	00.7	1965	60.7	58.2	69.6	96.3		84.1	!
QE	727	726	73.1	92.1	92.3	91.6	67.0	1966		59.6	76.8	100.9	107.1	83.1	- (
65	1		74.6					1967	65.5	62.8	74.3	99.9	104.1	88.0	
66			77.2	i		l .	1 1	1968	67.9	64.7	78.6	104.2	109.2	90.0	
67			83.2	ı	1	:	1 . 1	1969	69.3	66.3	79.9	108.9	113.9	94.5	
68				1		1						1			
<b>6</b> 9	. 78.1	76.2	78.0	104.7	104.0	104.8	31.0	1970	73.1	70.6	80.4	103.7	107.0		
70	75.0	7.4	90.0	1100	112.2	101.6	83.5	1971	77.5			102.2	104.4	96.3	
70	•	1 .	82.2		105.4	98.3		1972	79.6		87.2	1	113.2	100.4	
71		:	91.3		1	101.0		1973	86.1	83.1	95.6	111.3	115.3	100.2	
72	1		89.4	1	i	104.4	1	1974	92.0	91.8	92.3	98.9	99.1	98.6	1
73		1	92.7			97.2	1 1							1	
74	96.6	96.5	108.3	106.8	109.1	87.2	105.5	1975	96.2	98.3	90.2	86.6	84.7	92.3	] :
	1		07		040	07.0	94.7	1976	101.5	•	101.5	1	93.0	93.0	
75		1	97.4		•	I .	1 1	1977			100.0	100.0	100.0	100.0	1
76	1		102.1		•	1	t	1978		1	104.6	•		102.5	1
77		•			I .	i	1	1979			108.0	102.1	102.5	101.2	1
78		1	4			1	,		1			ļ			ļ
79	1	1		7		t	1	1980	111.3	113.4	105.5	94.8	93.0	100.0	1
80 2	94.0	94.5	92.6	112.6	112.1	114.4	105.9	19812	1	1	:	1	•	96.9	1
Rates of change <sup>3</sup>			<u> </u>					Rates of		1			!	 !	
			!	1	1	1	I _	Change '	Į.		•	1		i	
	2.6	1						change <sup>3</sup> 1958-81	4.0	4.3	2.9			1	
	1.6	1	ł				1	-	4.0	3	I		1	1	
		- 1.4		2.7	2.5	3.4	1	1958-81		3.1	I	5	j9	.6	
976–80		Fo	Iding paper	board bo	2.5	2651	1.1	1958-81 1976-81	2.7	3.1	1.6 Synthetic fil	pers SIC	2823, 28	.6	ļ
976–80 963	75.8	Fo 3 75.2	Iding paper	2.7 board bo	2.5 xes SIC	2651 113.0	1.1	1958-81 1976-81	30.9	3.1	1.6 Synthetic fit	78.4	2823, 28 79.3	75.6	
976–80 963 964	75.E	Fo 75.2 76.8	2.2 Iding paper 79.2 81.3	2.7 board bo 118.0 115.9	2.5 xes SIC 119.0	2651 113.0 110.5	1.1 0 89.5 89.8	1958-81 1976-81 1957	30.9	3.1	32.0	78.4	2823, 28 79.3 76.3	75.6	
976–80 963 964	75.6 77.9	Fo 75.2 76.8 72.9	79.2 81.3	2.7 board bo 118.0 115.9	2.5 xes SIC 119.0 116.9	2651 113.0 110.5	1.1 89.5 89.8 88.3	1958-81 1976-81 1957 1960	30.9 32.4 34.8	30.5 32.5 35.1	32.0 32.2 34.0	78.4	79.3 76.3 74.3	75.6 77.0 76.8	
976–80 963 964 965	75.8 77.8 73.9	Fo 75.2 76.8 72.9 73.4	79.2 81.3 76.5	2.7 board bo 118.0 115.9 120.2	2.5 xes SIC 119.0 116.9 121.1 127.1	2651 113.0 110.5 115.5 121.0	89.5 89.8 88.3 93.3	1958-81 1976-81 1957 1960 1961	30.9 32.4 34.8 38.3	30.5 30.5 32.5 35.1 37.8	32.0 32.0 32.2 34.0 39.9	78.4 76.5 74.9	79.3 76.3 74.3 82.5	75.6 77.0 76.8 78.2	
63 64 65 66	75.8 77.8 73.9 74.0	Fo 75.2 76.8 73.4 80.9	79.2 81.3 76.5 77.	2.7 board bo 118.0 115.9 120.2 1 126.1	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3	2651 113.0 110.5 115.5 121.0	89.5 89.8 88.3 93.3 92.5	1958-81 1976-81 1957 1960 1961 1962 1963	30.9 32.4 34.8 38.3 37.9	30.5 30.5 32.5 35.1 37.8 36.4	32.0 32.2 34.0 39.9 36.4	78.4 76.5 74.9 81.5 67.8	2823, 28 79.3 76.3 74.3 82.5 86.7	75.6 77.0 76.8 78.2 91.4	
963 964 965 966	75.8 77.8 73.8 74.0 81.0 65.8	Fo 75.2 76.8 73.4 80.9 3 64.8	79.2 81.3 76.5 77. 81.9	2.7 board bo 118.0 115.9 120.2 1 126.1 114.2 3 112.2	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6	2651 113.0 110.5 115.5 121.0 113.0 105.8	89.5 89.8 88.3 93.3 92.5 96.3	1958-81 1976-81 1957 1960 1961	30.9 32.4 34.8 38.3 37.9	30.5 30.5 32.5 35.1 37.8 36.4	32.0 32.2 34.0 39.9 36.4	78.4 76.5 74.9 81.5 67.8	2823, 28 79.3 76.3 74.3 82.5 86.7	75.6 77.0 76.8 78.2 91.4	
963 964 965 966	75.8 77.8 73.9 74.0 81.0 65.8	Fo 75.2 76.8 73.4 80.9 3 64.8	79.2 81.3 76.5 77. 81.9	2.7 board bo 118.0 115.9 120.2 1 126.1 114.2 3 112.2	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6	2651 113.0 110.5 115.5 121.0 113.0 105.5	89.5 89.8 88.3 93.3 92.5 96.3	1958-81 1976-81 1957 1960 1961 1962 1963 1964	30.9 32.4 34.8 38.3 37.9 40.4	30.5 30.5 32.5 35.1 37.8 36.4 40.8	32.0 32.2 34.0 39.9 36.4	78.4 76.5 74.9 81.5 67.8 94.5	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0	75.6 77.0 76.8 78.2 91.4 96.2	
963 964 965 966 968	75.6 77.5 73.9 74.0 81.0 65.6 83.4	Fo 75.2 76.8 72.9 73.4 80.9 31 64.8 82.3	79.2 81.3 76.5 77. 81.9	2.7 board bo 118.0 115.9 120.2 1 126.1 114.2 112.2 5 122.6	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6 124.3	3.4 2651 113.0 110.5 121.0 113.0 105.5 114.2	89.5 89.8 88.3 93.3 92.5 96.3 102.3	1958-81 1976-81 1957 1960 1961 1962 1963 1964	30.9 32.4 34.8 38.3 37.9 40.4	30.5 30.5 32.5 35.1 37.8 40.8	32.0 32.2 34.0 39.9 36.4 39.7	78.4 76.5 74.9 81.5 67.8 94.5	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0	75.6 77.0 76.8 78.2 91.4 96.2	
963 964 965 966 967 968	75.8 77.8 73.9 74.0 81.0 65.8 83.4	Fo 75.2 76.8 75.2 76.8 72.9 73.4 80.9 84.8 82.3	79.2 81.3 76.5 77. 81.9 81.9	2.7 board bo 118.0 115.9 120.2 1 126.1 114.2 112.2 1 122.6 1 109.5	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6 124.3	3.4 2651 113.0 110.5 121.0 13.0 105.5 114.2	89.5 89.8 88.3 93.3 92.5 96.3 102.3	1958-81 1976-81 1957 1960 1961 1962 1963 1964 1965 1966	30.9 32.4 34.8 38.3 38.3 40.4	30.5 30.5 32.5 35.1 37.8 40.8 41.6 42.8	32.0 32.2 34.0 39.9 36.4 39.7	78.4 76.5 74.9 81.5 81.5 94.5	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0 9 105.3	75.6 77.0 76.8 78.2 91.4 96.2	
976–80 963 964 965 966 968 969	75.8 77.8 73.9 74.0 81.0 65.8 83.4	Fo 75.2 76.8 72.9 73.4 80.9 3 64.8 4 77.1 5 64.9	79.2 81.3 76.5 77. 81.9 81.9 89.0 78.0	2.7 board bo 118.0 115.9 120.2 1 126.1 114.2 112.2 5 122.6 8 109.5 2 100.6	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6 124.3 109.8 100.5	3.4 2651 113.0 110.5 121.0 113.0 105.5 114.2 107.5 102.5	89.5 89.8 88.3 93.3 92.5 96.3 102.3	1958-81 1976-81 1957 1960 1961 1962 1963 1964 1965 1966 1967	30.9 32.4 34.8 38.3 38.3 40.4 41.8 42.0 45.0	30.5 30.5 32.5 35.1 37.8 40.8 41.6 42.8 45.3	32.0 32.2 34.0 39.9 36.4 39.7 42.1	78.4 76.5 74.9 81.5 67.6 94.5	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0 9 105.3 9 111.6 2 107.6	75.6 77.0 76.8 78.2 91.4 96.2	
963 963 965 966 968 969 970	75.8 77.8 73.8 74.0 81.0 65.8 83.4 91.0	Fo 75.2 76.8 72.9 73.4 80.9 3 64.8 82.3 4 77.1 64.9 81.6 81.6 81.6 81.6 81.6 81.6 81.6 81.6	79.2 81.3 76.5 77. 81.9 81.9 89.0 89.0 89.0	2.7 board bo 118.0 3 115.9 120.2 1 126.1 114.2 3 112.6 1 109.5 1 109.5 1 109.5	2.5 xes SIC 119.0 116.9 127.1 127.1 114.3 1124.3 1109.6 100.5 100.	3.4 2651 113.0 110.5 121.0 13.0 105.5 114.2 107.5 102.5 101.8	89.5 89.8 88.3 93.3 92.5 96.3 102.3 64.7 85.3 94.3	1958-81 1976-81 1957 1960 1961 1962 1963 1964 1965 1966 1967 1968	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0	30.5 32.5 35.1 37.8 38.4 40.8 41.6 42.8 45.3 51.1	32.0 32.0 32.2 34.0 39.3 36.4 39.7 42.1 39.7	78.4 76.5 74.9 81.5 81.5 94.5 113.6 113.6 116.6	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0 9 105.3 9 111.6 2 107.6 3 121.1	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9	
963 964 965 966 969 970 971	75.6 77.5 77.5 73.5 74.0 81.0 65.6 83.4 91.0 92.0	Fo 75.2 76.8 72.9 73.4 80.8 80.8 84.8 82.3 4.77.1 64.9 8.92.6	79.2 81.3 76.5 77.0 81.4 91.4 89.6 89.6 92.9	2.7 board bo 118.0 3 115.9 120.2 1 120.2 1 114.2 3 112.2 5 100.8 5 100.8 5 100.8	2.5 xes SIC 119.0 116.9 127.1 127.1 114.3 113.6 124.3 109.6 100.5 100.5 102.3	3.4 2651 113.0 110.5 121.0 13.0 105.5 114.2 107.5 102.5 101.6	89.5 89.8 88.3 93.3 92.5 96.3 102.3 64.7 85.3 94.3 94.7	1958-81 1976-81 1957 1960 1961 1962 1963 1964 1965 1966 1967	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0	30.5 32.5 35.1 37.8 40.8 41.6 42.8 45.3 51.1	32.0 32.0 32.2 34.0 39.3 36.4 39.7 42.1 39.7	78.4 76.5 74.9 81.5 81.5 94.5 113.6 113.6 116.6	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0 9 105.3 9 111.6 2 107.6	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9	
963 964 965 966 968 969 970 971 971 973	75.8 77.8 73.9 74.0 81.0 65.8 83.4 91.0 92.1	Fo 75.2 76.8 72.9 73.4 80.9 84.8 82.3 4 77.1 64.9 99.4	79.2 81.3 76.5 77.3 81.3 91.3 89.4 94.94	2.7 board bo 118.0 115.9 120.2 126.1 114.2 112.6 100.9 100.9 100.9 100.9	2.5  xes SIC  119.0 116.9 121.1 127.1 114.3 113.6 109.6 100.5 100.5 100.5	3.4 2651 113.0 110.5 115.5 121.0 113.0 105.5 114.2 107.5 102.6 100.7	89.5 89.8 88.3 93.3 92.5 96.3 102.3 64.7 85.3 94.3 94.7 95.4	1958-81 1976-81 1957 1960 1961 1962 1963 1964 1965 1966 1967 1968	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1	30.5 30.5 32.5 35.1 37.8 40.8 41.6 42.8 45.3 51.1	32.0 32.2 34.0 39.5 36.4 39.7 42.1 39.7 44.3 55.4	78.4 76.5 74.9 81.5 87.8 94.5 113.8 116.8 122.2	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0 9 105.3 9 111.6 2 107.6 3 121.1 2 124.0	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9 111.8 116.4	
963 963 964 965 966 967 970 971 972 973	75.8 77.8 73.9 74.0 81.0 65.8 83.4 91.0 92.1 98.4	Fo 75.2 76.8 72.9 73.4 80.9 84.8 82.3 4 77.1 5 64.9 99.4 99.4 99.4 5 100.6	79.2 81.3 76.8 77.3 81.3 91.3 89.4 89.4 94.94	2.7 board bo 118.0 115.9 120.2 126.1 114.2 122.6 100.9	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6 109.8 100.5	3.4 2651 113.0 110.5 115.5 121.0 113.0 105.5 114.2 107.5 100.7	1.1 89.5 89.8 88.3 93.3 93.5 96.3 102.3 64.7 85.3 94.7 95.4 85.3	1958-81 1976-81 1957 1960 1961 1962 1963 1964 1965 1966 1967 1969 1970 1971	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1 52.5	30.5 32.5 35.1 37.8 36.4 40.8 41.6 42.8 45.3 51.1 51.8	32.0 32.2 34.0 39.9 36.4 39.7 42.1 39.7 44.3 55.4	78.4 76.5 74.9 81.5 81.5 94.5 113.9 116.6 122.2	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0 9 105.3 9 111.6 12 107.6 12 107.6 12 116.9	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9 111.8 116.4	
963 963 964 965 966 967 970 971 972 973 974 975	75.8 77.8 73.9 74.0 81.0 65.8 83.0 91.0 92.1 98.0	Fo 75.2 76.8 72.9 73.4 80.9 84.8 82.3 4 77.1 5 64.9 89.4 99.4 99.4 5 100.6 8 103.7	79.2 81.3 76.8 77.3 81.3 91.3 89.4 94.94	2.7 board bo 118.0 115.9 120.2 126.1 114.2 122.6 100.9 102.1 7 97.0 3 86.6 7 92.8	2.5  xes SiC  119.0  116.9  121.1  127.1  114.3  113.6  109.6  109.6  84.6  96.0	3.4 2651 113.0 110.5 115.5 121.0 113.0 105.5 114.2 100.7 100.7	1.1 89.5 89.8 88.3 93.3 92.5 96.3 102.3 64.7 85.3 94.7 95.4 85.3 95.4	1958-81 1976-81 1957 1960 1961 1962 1963 1964 1965 1966 1968 1968 1969	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1 52.5	30.5 30.5 32.5 35.1 37.8 40.8 41.6 42.8 45.3 51.1 51.8 62.4 71.1	32.0 32.2 34.0 39.9 36.4 39.7 42.1 39.7 44.3 55.2 66.5	78.4 76.5 74.9 81.5 81.5 94.5 113.8 116.8 117.4 117.4 115.2 117.4	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0 9 105.3 9 111.6 12 107.6 3 121.1 2 116.9 7 119.8	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9 111.8 116.4	
963 963 964 965 966 967 970 971 972 973 974 975 976	75.8 77.8 73.9 74.0 81.0 65.8 83.4 91.0 92.1 98.4	Fo Fo Fo Fo Fo Fo Fo Fo Fo Fo Fo Fo Fo F	79.2 81.3 76.8 77.8 81.3 91.3 89.4 94.9 94.9 99.99.100.1	2.7 board bo 118.0 115.9 120.2 126.1 114.2 122.6 100.9	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6 109.8 100.5	3.4 2651 113.0 110.5 115.5 121.0 113.0 105.5 114.2 100.7 100.7	89.5 89.8 89.8 88.3 93.3 92.5 96.3 102.3 64.7 85.3 94.7 95.4 0 100.0	1958-81 1976-81 1957 1960 1961 1962 1963 1964 1965 1966 1967 1969 1970 1971	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1 52.5 53.8 63.3 73.0	30.5 30.5 35.1 37.8 38.4 40.8 41.6 42.8 51.8 51.8 62.4 71.1	32.0 32.0 32.2 34.0 39.9 36.4 39.7 42.1 55.2 53.7 66.5 80.2 88.7	78.4 76.5 74.9 81.5 81.5 94.5 113.8 116.8 116.8 117.4 115.2 116.7 115.2	2823, 28 79.3 76.3 74.3 82.5 88.7 94.0 9 105.3 9 111.6 9 107.6 1 124.0 4 117.2 2 116.9 7 119.9 1 125.0	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9 111.8 116.4	
963 963 964 965 966 967 970 971 972 973 974 975 976 977 977	75.8 77.8 73.9 74.0 81.0 65.8 83.4 91.0 92.1 98.4 98.4	Fo 75.2 76.8 72.9 73.4 77.1 64.8 82.3 4 77.1 5 64.8 99.4 1 99.4 1 103.7 100.6 8 103.7 100.6 8 103.7	79.2 81.3 76.8 77. 81.3 91.3 89.4 94. 94. 94. 99.	2.7 board bo 118.0 115.9 120.2 126.1 114.2 122.6 100.9	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6 109.8 100.5	3.4 2651 113.0 110.5 115.5 121.0 13.0 105.5 114.2 100.7 100.7 100.7 100.7	89.5 89.8 89.8 89.3 92.5 96.3 102.3 64.7 85.3 94.7 95.4 100.0 7 105.2	1958-81 1976-81 1960 1961 1962 1963 1964 1965 1968 1969 1970 1971	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1 52.5 53.8 63.3 73.0 79.5	30.5 30.5 32.5 35.1 37.8 40.8 41.6 42.8 45.3 51.1 51.8 62.4 71.1 77.0	32.0 32.0 32.2 34.0 39.9 36.4 39.7 42.1 55.2 53.7 66.5 80.2 88.7	78.4 76.5 74.9 81.5 81.5 94.5 113.8 116.2 117.4 115.2 117.4	2823, 28 79.3 76.3 74.3 82.5 88.7 94.0 9 105.3 9 111.6 9 107.6 1 124.0 4 117.2 2 116.9 7 119.9 1 125.0	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9 111.8 116.4	
976–80 963 964 965 966 967 970 971 972 973 974 975 976 977	75.8 77.8 73.9 74.0 81.0 65.8 83.4 91.0 92.1 98.4 98.4	Fo 75.2 76.8 72.9 73.4 77.1 64.8 82.3 4 77.1 5 64.8 99.4 1 99.4 1 103.7 100.6 8 103.7 100.6 8 103.7	79.2 81.3 76.8 77. 81.3 91.3 89.4 94.9 94.9 94.9 90.100.1	2.7 board bo 118.0 115.9 120.2 126.1 114.2 122.6 100.9	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6 109.8 100.5	3.4 2651 113.0 110.5 115.5 121.0 13.0 105.5 114.2 100.7 100.7 100.7 100.7	89.5 89.8 89.8 88.3 93.3 92.5 96.3 102.3 64.7 85.3 94.7 95.4 0 100.0	1958-81 1976-81 1957 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1 52.5 63.3 73.0 79.5 78.0	30.5 30.5 35.1 37.8 38.4 40.8 41.6 42.8 51.8 51.8 62.4 77.0 77.0	32.0 32.0 32.2 34.0 39.9 36.4 39.7 42.1 39.7 44.3 55.2 80.2 88.3	78.4 76.5 74.9 81.5 81.5 94.5 113.6 116.6 122.2 117.4 115.2 116.7 122.5	2823, 28 79.3 76.3 74.3 82.5 88.7 94.0 9 105.3 9 111.6 9 107.6 1 124.0 4 117.2 2 116.9 7 119.9 1 125.0 5 123.5	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.8 111.8 116.4	
976–80 963 964 965 966 967 971 971 972 973 974 975 976 977 977 978 979	75.8 77.8 73.9 74.0 81.0 65.8 83.4 91.0 92.0 98.4 96.1 102.1	Fo 75.2 76.8 72.9 73.4 80.9 84.8 82.3 4 77.1 5 84.9 92.6 103.7 100.6 8 100.6 8 100	79.2 81.3 76.8 77. 81.9 91.3 89.4 94. 94. 99. 100.1	2.7 board bo 118.0 115.9 120.2 126.1 114.2 112.2 100.8	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6 109.8 100.5	3.4 2651 113.0 110.5 121.0 13.0 105.5 114.2 107.5 100.7 100.7 100.7	89.5 89.8 89.8 89.3 92.5 96.3 102.3 64.7 85.3 94.7 95.4 100.0 7 105.2	1958-81 1976-81 1957 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1 52.5 53.8 63.3 79.5 78.0	30.5 32.5 35.1 37.8 36.4 40.8 41.6 42.8 51.1 51.8 51.8 62.4 77.0 77.0 77.3	32.0 32.2 34.0 39.9 36.4 39.7 42.1 39.7 44.3 55.2 80.2 88.7	78.4 76.5 74.9 81.5 81.5 94.5 113.6 116.6 122.2 117.4 115.2 116.7 122.5	2823, 28 79.3 76.3 74.3 82.5 88.7 94.0 9 105.3 9 111.6 2 107.6 3 121.1 124.0 4 117.2 2 116.9 7 119.9 1 125.0 5 123.5	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9 111.8 116.4 117.7 109.7 106.3 106.6 119.2	
976-80 963 964 965 966 967 970 971 971 973 974 975 976 977 978 979 979	75.8 77.8 73.9 74.0 81.0 65.8 83.4 91.0 92.1 98.4 98.4	Fo 75.2 76.8 72.9 73.4 80.9 84.8 82.3 4 77.1 5 84.9 92.6 103.7 100.6 8 100.6 8 100.6	79.2 81.3 76.5 77. 81.9 91.3 89.4 94. 94. 94. 99. 100. 101. 103.	2.7 board bo 118.0 115.9 120.2 126.1 114.2 112.2 100.8	2.5 xes SiC 119.0 116.9 121.1 127.1 114.3 113.6 109.8 100.5 100.5 100.5 100.6	3.4 2651 113.0 110.5 121.0 113.0 105.5 114.2 107.5 100.7 100.7 100.7 100.7 100.7 100.7	89.5 89.8 89.8 88.3 93.3 92.5 96.3 102.3 64.7 85.3 94.7 95.4 100.0 7 105.2 8 103.8	1958-81 1976-81 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1 52.5 63.3 73.0 79.5 78.0	30.5 30.5 32.5 35.1 37.8 38.4 40.8 41.6 42.8 51.1 51.8 51.8 62.4 77.0 77.0 77.3 68.9 92.1	32.0 32.2 34.0 39.9 36.4 39.7 42.1 39.7 44.3 55.4 66.5 80.2 88.7 80.2	78.4 76.5 74.9 81.5 81.5 94.5 113.6 116.6 122.2 117.4 115.2 116.7 122.5	2823, 28 79.3 76.3 74.3 82.5 88.7 94.0 9 105.3 9 111.6 9 107.6 1 121.1 124.0 1 125.0 1	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9 111.8 116.4 117.7 109.7 106.3 106.6 119.2	
974 975 976 977 978 979 981 2	75.8 77.8 73.9 74.0 81.0 65.8 83.4 91.0 98.4 98.4 102.1 100.1	Fo 75.2 76.8 72.9 73.4 77.1 5 64.8 92.6 100.6 8 103.7 100.6 8 103.7 100.6 8 103.7 100.6 103.2 4 101.1	79.2 81.3 76.5 77. 81.9 91.3 89.4 94. 94. 94. 99. 100. 101. 103.	2.7 board bo 118.0 115.9 120.2 126.1 114.2 112.2 100.8	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6 109.8 100.5 100.5 100.5 100.6	3.4 2651 113.0 110.5 121.0 113.0 105.5 114.2 107.5 100.7 100.7 100.7 100.7 100.7 100.7	89.5 89.8 88.3 93.3 92.5 96.3 102.3 64.7 85.3 94.7 95.4 100.0 7 105.2 8 103.8	1958-81 1976-81 1960 1961 1962 1963 1964 1965 1966 1968 1969 1970 1971 1972 1973 1974	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1 52.5 63.3 73.0 79.5 78.0	30.5 32.5 35.1 37.8 38.4 40.8 41.6 42.8 45.3 51.1 51.8 51.8 62.4 77.0 77.0 77.3 6.86.9 92.1 100.00	32.0 32.0 32.2 34.0 39.9 36.4 39.7 42.1 39.7 44.3 55.4 66.5 80.2 88.7 80.2 88.7 80.0 80.0	78.4 76.5 74.9 81.5 81.5 94.5 113.8 116.8 122.2 117.4 115.2 116.7 122.5 101.6 101.6	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0 9 105.3 111.6 2 107.6 3 121.1 124.0 4 117.2 2 116.9 7 119.9 1 125.0 5 123.5 7 98.8 9 86.7 9 100.0	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9 111.8 116.4 117.7 109.7 106.6 119.2	1
963 963 964 965 966 968 970 971 971 972 973 974 975 978 979 980 981.2 Rates of	75.8 77.8 73.9 74.0 81.0 65.8 83.4 91.0 98.4 98.4 102.1 100.1	Fo 75.2 76.8 72.9 73.4 77.1 5 64.8 92.6 100.6 8 103.7 100.6 8 103.7 100.6 8 103.7 100.6 103.2 4 101.1	79.2 81.3 76.5 77. 81.9 91.3 89.4 94. 94. 94. 99. 100. 101. 103.	2.7 board bo 118.0 115.9 120.2 126.1 114.2 112.2 100.8	2.5 xes SIC 119.0 116.9 121.1 127.1 114.3 113.6 109.8 100.5 100.5 100.5 100.6	3.4 2651 113.0 110.5 115.5 121.0 113.0 105.5 100.5 100.7 100	89.5 89.8 88.3 93.3 92.5 96.3 102.3 64.7 85.3 94.7 95.4 100.0 7 105.2 8 103.6 99.4 7 97.8	1958-81 1976-81 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1 52.5 63.3 73.0 79.5 78.0	30.5 32.5 35.1 37.8 38.4 40.8 41.6 42.8 45.3 51.1 51.8 51.8 62.4 77.0 77.0 77.3 6.86.9 92.1 100.0 104.7	32.0 32.0 32.2 34.0 39.9 36.4 39.7 42.1 39.7 44.3 55.4 66.5 80.2 88.7 80.2 88.7 80.0 80.0 80.0 80.0 80.0 80.0 80.0	78.4 76.5 74.9 81.5 67.6 94.5 113.6 116.6 117.4 116.6 117.4	2823, 28 79.3 76.3 76.3 74.3 82.5 86.7 94.0 9 105.3 111.6 2 107.6 3 121.1 2 116.9 7 119.9 1 125.0 5 123.5 7 98.8 98.6 0 100.0 8 100.0	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.8 111.8 116.4 117.7 109.7 106.3 106.6 119.2	1
976–80 963 964 965 966 967 970 971 971 972 973 974 975 976 977 978 979 979	75.8 77.8 73.9 74.0 81.0 65.8 83.4 91.0 98.4 98.4 102.1 100.1	Fo 75.2 76.8 72.9 73.4 82.3 64.8 92.6 81 103.7 100.6 81 100.	79.2 81.3 76.5 77.3 81.4 91.4 91.4 91.4 92.5 94.9 94.9 94.9 95.9 96.9 97.9 98.9 99.9 99.9 99.9 99.9 99.9 99	2.7 board bo 118.0 115.9 120.2 126.1 114.2 122.6 100.9 102.1 7 97.0 3 86.6 7 92.8 0 100.2 102.3 103.3	2.5 xes SIC 119.0 116.9 127.1 127.1 114.3 113.6 124.3 109.6 100.5	3.4 2651 113.0 110.5 121.0 113.0 105.5 121.0 107.5 102.5 100.7 100	1.1 89.5 89.8 88.3 93.3 92.5 96.3 102.3 64.7 85.3 94.7 95.4 100.0 7 105.2 8 103.6 3 99.4 7 97.8	1958-81 1976-81 1976-81 1960 1961 1962 1963 1964 1965 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	30.9 32.4 34.8 38.3 37.9 40.4 41.8 42.0 45.0 52.1 52.5 78.0 105.2 115.0	30.5 32.5 35.1 37.8 38.4 40.8 41.6 42.8 45.3 51.1 51.8 51.8 51.8 51.9 62.4 77.0 77.0 77.0 77.0 100.0	32.0 32.2 34.0 39.5 36.4 39.7 42.1 39.7 44.3 55.4 55.2 80.2 80.3 100.0 106.8 118.2	78.4 76.5 74.9 81.5 81.5 94.5 113.6 116.6 117.6 115.2 116.7 115.2 116.7 100.6 8 998	2823, 28 79.3 76.3 74.3 82.5 86.7 94.0 9 105.3 111.6 2 107.6 3 121.1 124.0 4 117.2 2 116.9 7 119.9 1 125.0 5 123.5 7 98.8 98.6 100.0 8 100.3 99.2	75.6 77.0 76.8 78.2 91.4 96.2 104.0 120.4 109.9 111.8 116.4 117.7 109.7 106.6 119.2 110.1 100.0 98.3 95.6	111



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output	per emp	loyee hour	Er	nployee	hours			Output	per empl	loyee hour	En	npioyee	hour <b>s</b>	-
Year	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ail employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ou pu
		Synthe	tic fibers SI	C 2823,	<b>2824—</b> C	Continued				Cosm	etics and o	other toile	atries SiC	2844	
Rates of change <sup>2</sup>								1958	40.0	39.0	41.7	56.8	58.2	54.5	22
957-81	6.5	6.5	6.5	1.1	1.1	1.2	7.7	1960	45.1	44.1	46.7	59.7	61.0	57.6	26
76 <b>–8</b> 1	6.2	6.1	6.6	-3.5	- 3.4	<b>– 3.8</b>	2.5	1961	46.9	47.0	46.6		61.9	62.4	1
					ione CIC			1962		49.7	49.6			64.5	1
		rna.	maceutical	prepara	IIONS SIC	, 200 <del>4</del>		1963 1964		56.1 65.3	55.4 61.4			68.9 69.4	3
83	52.9	49.0	_	69.0	74.5	_	36.5	1004	<b>35.9</b>	00.0	31.4	<b>00</b> .0	55.2	00.4	7
34	54.0	49.3	_	73.5			39.7	1965	65.7	66.6	64.5		71.5	73.8	1
	50 5	<b>5</b> 2.0		70.0	000		44.0	1966		65.1	65.4	79.9		79.7 <sup>1</sup> 84.1	5
35 36		53.8 55.5	_	76.2 80.3			44.6 48.7	1967 1968		63.1 67.4	61.6 67.7	82.9 88.6	82.1 88.7	88.3	
B7		59.4	_	80.3	1		51.7	1969		64.7	65.1	95.7	95.9	95.3	1
38	68 4	63.6	_	82.4	88.7	_	56.4								
39	73.0	66.6		86.6	94.9	<u> </u>	63.2	1970		68.9	61.6	101.4	97.0	108.5 1 <b>06</b> .0	
0	74.8	70.0		91.2	97.4	_	68.2	1971 1972	73.3 82.5	80.4 89.1	64.2 73.9		84.8 87.3	105.0	1
'1	81.0	80.1	_	91.9	1		74.4	1973		97.4	74.9	,	87.0	113.1	1 -
2	66.8	85.1	_	90.2	92.0	ì	78.3	1974	91.6	95.2	86.4		92.5	102.0	8
3		84.5	_	96.4		_	81.7		2.0	25.0	04.0	00.4	24.5	25.5	! 
4	90.3	89.7	_	95.6	96.2	_	86.3	1975 1976	94.0 94.4	95.6 94.3	91.6 94.6		91.5 101.3	95.5 101.0	
5	92.5	94.1	_	95.5	93.8	_	88.3	1977		100.0	100.0	t l	· •	100.0	ι -
6	98.4		-	97.7		1	96.1	1978	99.3		100.6	105.2		103.9	1
77	100.0	100.0	_				100.0	1979		93.8	92.0	,		108.9	
'8 '9		100.2	_	104.1	;		103.1	1980 ²	82.5	80.2	86.5	109.0	112.1	103.9	8
30 <b>*</b>		103.5 107.0		99.4 100.7	102.2 101.9	1 .	105.8 109.0	Rates of change s							
ates of hange <sup>3</sup>		İ		ļ [				1958-80	4.0		3.8		2.9	3.3	
83–80 76–80	4.4	5.1		2.2			6.7	1976-80	-3.4	3.8	- 2.6	2.2	2.7	1.4	<u>i                                     </u>
/ 0–00	2 6	2.1  S	oaps and c	.5. letergent	1		3.1		! !	Pair	nts and alle	ed produ	cts SIC 2	2851	
58	 61.6	58 1		T	<del>,</del>		48.1	1958	55.3	53.6	57.5	93.9	96.9	90.2	5
		30 .	UJ:L	10.1	02.0	00.0	40.1	1960	64.9	63.0	67.6	93.8	96.7	90.1	6
ю		60.5	74.5					1961		61.7	65.5			89.4	
51 52		60.6 60.5				t I	56.3 58.6	1962	66.1		68.4		96.3		
3					!	70.6		1963 1964		66.9 70.4	69.9 75.4		100.1 101.7	95.8 94.9	
4		65 5			1	75.3	1	1904	72.5	70.4	7 9.4	90.7	101.7	54.5	Ϊ΄
	000		00.4	!	100.0	70.0	05.0	1965	73.3	72.0	75.1	104.3	106.3	101.9	1 7
5 6	69.9 74.7	64.5i 69.7'			1		65.8 69.8	1966			79.2	;		104.2	
7		74.2			1			1967 1968		72 9 80.1	74.6 82.1	104.8 103.8		103.5 102.2	
8	80.3	76.0	89.3	98.3	103.8	88.4	78.9	1969			86.3			102.2	
9	80.2	77 2	86 3	102.0	105.9	94.8	81.8		1	!					
0	83 9	81.9	87.6	102.3	104.7	98.0	85.8	1970			76.8	1 1		109.4	1
1		85.1			1		83.1	1971 1972	84.1 88.0		83.8 90.7		105.5 110.6	106.2 104.7	
2								1973	82.2		84.7			108.0	
3 4		99.4 103.0			1			1974			89.0				
5	97.3	95.0	101.7	94.9	97.2			1975	94.2		88.8				
6		99.2	101.9		1			1976 1977	97.3 100.0	: :	94.2 100.0				
<b>'7</b>	100 0		100 0	100.0	100.0	100.0	100.0	1978			100.0		99.1	100.8	
'8	1 '	102 7	110.1		1		107.9	1979			1074			100.0	1
'9 10°2		101 3 <sup>1</sup> 106 5	109.4 111.9		107.2 108.6		108.6 115.7	1000	' 404.0	. 400 4	00 =		OF P	105 1	1.
		1000		i				1980 1981 <sup>2</sup>	101 8 102 6	106 1	96 7 95.5	96 7	91.1	103.9	
ites of															1
ites of lange					! !			Rates of						'	:
ntes of nange 3 58-80 76-80	27 20	3 1 1 6	1 9 2 8				3 9 4.3	Rates of change 1	26	29	23	03	(*)	•	:



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

employ- duction d	oyee hour	En	ployee !	hours			Output (	per emp	loyee hour	En	nployee	hours	İ		
Year	employ-	duction work-	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers <sup>1</sup>	Ou pu
	P	aints an	d allied pro	ducts Si	2851-	-Continued				Tires a	and inner tu	bes SIC	301—Co	ontinued	<b>!</b>
976–81	0.9	1.8	(*)	-0.3	-1.1	0.7	0.7	1981 2	119.6	124.1	105.5	68.9	66.4	78.1	8
			Petroleum	refining	SIC 291	1		Rates of change <sup>3</sup>			 				
347	22.1	19.9	30.9	148.1	164.2	105.8	32.7	1947-81	. 3.5	3.7	2.6	0.1	- 0.1	1.0	
50		25.4	34.6	138.1	149.1	109.6	37.9	1976-81						- 4.9	1
55	34.4	32.7	39.9	145.5	153.0	125.3	50.0	1070 61		1	<u> </u>	<u> </u>	1		L
60	44.1	43.1	47.2		133.1	121.6	57.4		İ		Footy	wear SIC	314		
61	47.5	46.7	50.3		126.0		58.8			T	T	T	T		Ι.,
62		51.1	53.9		119.9		61.3	1947			1	3		126.2	
63		54.6	58.7		115.2	107.1	62.9	1950		75.7 83.2	93.4		167.8 169.8	136.0 137.1	
64	. 58.7	57.7	61.9	110.2	112.2	104.6		1955	1			l			]
65		62.5				99.0		1960		1		1		142.0	
<b>66</b>		67.4	72.5		1	96.4	69.9	1961	94.2					140.9	
67		69.5	1			1		1962 1963		93.3 96.5	7	1		135.0 123.9	
68		71.7			I		75.6 76.9	1964	1				L	123.7	
69	. 74.2	75.8	70.4	103.7	101.4	108.3									Ì
70	. 73.8	74.1	73.4	106.1	105.7	106.7	78.3	1965		1			1	126.6	
71			75.0					1966		1	k			130.5 123.6	
72		1	1	ı		1		1967 1968		t .		1		126.1	
73 7 <b>4</b>	. 93.6 . 86.4	1	91.1 88.8	1	4	1 -		1969		I		1	1	129.9	1
75		89.7	86.7	96.8	95.8	99.1	85.9	1970	. 100.3	99.3	107.9	134.7	136.0	125.2	1:
76		1	1	1	•	l ·	1	1971	. 102.2	101.9	105.0			121.4	,
77	. 100.0	1		1		1		1972				5		121.5	
78			1			6		1973				1		118.8	
79	. 94.9	96.8	90.4		I .			1974	. 96.8	97.6	90.8	112.7	111.8	120.1	10
80 <sup>2</sup>	. 94.2	100.3	81.8	100.8	94.7	116.2	95.0	1975	101.3	101.6	98.3	100.6	100.3	103.7	10
lates of			1	1		1		1976	. 102.1	102.0	102.4	103.4	103.5	103.1	
hange <sup>s</sup>		1	! !	1	İ	•		1977					I .		
47-80	. 5.0	5.3	3.9	- 1.6	- 1.9	-0.6	3.3	1978							
76-80					1			1979	100.2	101.0	94.8	94.3	93.6	99.7	'
		<b>.</b>	Tires and i	nner tube	s SIC 3	01		1980 1981 <sup>2</sup>				4		1	
947	37.5	36.1	43.7	103.8	107.9	89.0	38.9	i							
950								Rates of change 3	}	! 1		1			
955	48.0	45.8	57.9	92.8	97.2	76.9	44.5	1						i 	
								1947-81	<b>f</b>		1	1		1	
60						1		1976-81	6	4	-2.1	- 2.0	1		1_
61 62			:					i	ĺ		Glass co	ntainers :	SIC 3221	1	
63	1		:							·	,		τ -	·	· - · -
64								1947	63.6	62 7	71.4	71.8	72.9		
	!		Ì	i	ļ	i i	ļ	1950						1	
65						1	•	1955	. 67.2	65.8	78.1	75.2	76.7	64.7	'
66	83.0							1960	674	66.3	73.5	   85.8	86 9	78.4	
67	82.7					1		1961		)			•	1	1
168 169	88.5 . 85.4						•	1962		•					
08	!	!	•			İ	1 	1963	73.5	i 72.3	82.5	87.8	89 2	? <sub>†</sub> 78.2	2
70	1 87 €				1	•		1964	75.5	i <sub>i</sub> 74.4	84.0	) 8 <b>9</b> .3	90.6 s	80.2	2
)71	94 3	1				1	1	1005	! 90.0	79 2	88.8	89.5	90.6	81.0	
)7 <b>2</b> . )73	97 6	,	1				( .	1965 1966				1 -			
7.4	95 1 93.3	1			1		1	1967			93.0	97.8	99.4	86.7	7
	:	!	!	i	i	1	:	1968	86 4	1			1	.:	
75 .	918							1969	89.1	88.7	92.5	5 103.1	103.6	99.4	•
976	99 8						•	1970	87 2	: 2 86.4	92 6	, 3; 108.3	109.2	101.9	3
977 . 978	100 0					•		1970	88 8					_	1
978	109 5							1972	88 6		. •				
179		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	110.		. 3, ,	00 /	,								
179	.03 .							1973	92 6	925	93 2	2 10414	104 5	103	<b>5</b> .



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Comput	het etub	loyee hour	Er	nployee	nours			Output	per emp	loyee hour	Er	nployee	nours	1
Year	All employ- eas	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers <sup>1</sup>	Out- put	Year	All employ-	Pro- duction work- ers	Nonpro- duction workers <sup>1</sup>	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put
		Glass co	ontainers Si	C 3221-	-Continu	ed				Structur	rai clay pro	ducts SiC	325—0	Continued	
1975		98.5	98.1	97.1	97.1	97.5	95.6	1971	85.1	87.0	77.8	113.8	111.3	124.7	96.
976		97.7	102.6	103.2		98.7	101.3	1972	88.2		92.4	116.9		111.6	
977		100.0	100.0	100.0	1 (			1973		88.5	104.9	115.1	118.5	100.0	
978 979		101.0 106.5	104.9 107.8	104.8 93.6		101.3 95.6		1974		91.2	102.1	117.1	119.5	106.8	109
980	112.0	112.8	106.7	92.2	91.6	96.8	103.3	1975 1976	91.0 94.9	92.0 96.1	86.7 89.3	102.3 101.6	101.2 100.3	107.4 108.0	93 98
981 *	113.9	114.3	110.3	90.1	89.8	93.0		1977	100.0	100.0	100.0	100.0	100.0	100.0	
Rates of								1978 1979	102.6 96.1	100.8 96.5	111.3 94.3	104.5 106.6	106.3 106.1	96.3 108.6	
<b>change <sup>3</sup></b> 1947–81	1.9	2.0	1.3	1.4	1.3	2.0	3.4	1980	ł	101.0	84.6	95.3	92.1	109.9	}
976-81	3.3	3.5	1.7	-2.8				1981 3	93.6	96.7	81.4	87.0	84.2	100.0	93. 81.
			Hydraulic	cement	SIC 3241			Rates of change <sup>3</sup>							
1947	31.9	29.1	54.7	157.0	1 1			1958-81	2.9	3.2	1.3	-2.8	3.0	-1.0	
1 950 1 955	36.5 49.4	33.5 45.8	59.5 75.2	163.1 153.8	177.9 186.1	100.2 101.1	59.6 76.0	1976-81	6	(4)	3.2	-2.5	-3.2	.1	-3.
; <b>96</b> 0	55.3	52.5	72.5	143.2		109.2	79.2		С	lay cons	truction pro	ducts Si	3251,	3253, 3259	
1961 1962	61.2	58.4	?6.7°	130.8	1	104.3	80.0	1958	52.0	50.1	64.4	171.7	178.4	138.6	89.
1963	64.9 68.7	62.2 66.7	79.9 79.3	128.1 126.4	133.7 130.3	104.0 109.5	83.1 86.9	4000							
964		70.1	75.7°	127.4		119.5		1960 1961	57.5 59.0	55.7 56.9	68.8 72.8	182.7 177.5	188.8 184.2	152.7 143.9	105
					}			1962	63.7	61.3	72.8 79.3	177.9	182.8	141.3	104 112
965	73.2	72.3	77.3	125.0		118.4		1962	60.9	58.8	73.5	162.0	167.6	134.2	98.
1 <b>96</b> 6 1 <b>9</b> 67		76.1 7 <b>6.4</b>	80.1 79.1	122.9 117.5		117.8 114.2	94.3 90.3	1964	65.1	63.6	74.0	166.5	170.4	148.5	
1968		84.2	79.1 <b>3</b> 0.3	112.9		106.6	96.3	4. 15							
1969	86.3	85.5	90.6	112.8		107.5	97.4	1½ 15 1966	66.6 67.3	64.6 65.2	78.5 80.7	164.3 158.7	169.4	139.5	109.
	1				_			1967	68.2	66.9	75.4	144.5	163.9 147.3	132.4 130.7	106. 98.
970	84.8	85.0	84.1	111.3		112.2		1968	73.1	71.6	81.0	144.9	147.9	130.7	105.
1971 1972	93.4 95.0	93.3 93.9	95.0 100.4	106.5 110.6		104.7 104.7	99.5 105.1	1969	72.3	71.2	78.5	143.8	145.9	132.4	103.
973		98.7	104.9	109.2		103.8		4070	77.4	70.0					
1974	91.5	90.5	96.5	112.5	113.7	106.6	102.9	1970 1971	77.4 86.4	78.3 87.2	73.0 82.5	123.3 118.2	121.8 117.1	130.7	95. 102.
		25.0						1972	89.0	87.5	96.7	123.1	125.2	123.7 113.2	102.
1975 1976	84.7 92.	85.3 93.3	82.7	102.2 100.4	101.5	104.7	86.6	1973	90.6	88.3	104.0	120.8	123.9	105.2	109.
977		100.0	89.4 100.0	100.4	99.5 100.0	103.8 100.0	92.8 100.0	1974	8A.7	87.4	96.6	120.4	122.2	110.6	
978	101.3	101.0	102.8	105.3	105.6	103.8		4075	00.4			404.0			
1979	96.0	94.9	100.7	111.8	113.1	106.6	107.3	1975 197 <b>6</b>	89.1 94.2	89.9 95.1	86.0 30.3	101.6 103.5	100.7 102.5	105.2 108.0	90. 97.
1000	97.0	07.4	940	400.6	400.0	4400		1977	100.0	100.0	100.0	100.0	100.0	100.0	100.
980   981 *	87.0 84.9	87.4 86.4	84.9 79.1	109.6 107.3	109.0 105.4	112.3 115.1	95.3 91.1	1978		100.8	112.4	103.7	105.6	94.7	106.
Rates of	04.8	00.4	70.1	107.0	100.4	113.1	91.1	1979	92.1	92.9	88.2	109.2	108.3	114.0	100.
change <sup>3</sup>		0.0	4.0	4.0		0.0	4.0	1980 1981 *	94.6 85.1	97.5 88.7	82.7 71.0	98.2 90.8	95.3 87.1	112.3 108.8	92. 77.
947-81   976-81	3.4 2.5	3.8 2.4	1.6 - 3.2	1.6 1.9		0.2 2.6	1.8 7	Rates of		55.		00.0	•	100.0	,,,,
		S:	tructural cis	y produc	ole SIC 3	?5		change <sup>3</sup> 1958–81	2.8	3.1	1.4	-3.1	-3.4	4.0	•
958	52.4	50.2	65.1	154.1	160.9	124.1	80.8	1976-81	-2.2	-1.4	-5.6	-3.1 -1.9	-2.6	- 1.8 1.6	-0.4 -4.0
1960	57.9	55.2	73.9			128.9	95.2			Brick	and struct	ural clay	tile SIC	 3251	
1961	59.9	57.0	77.7	158.4	166.6	122.1	94.9				· ·				
1962	1	61.3	84.3	155.5	163.7	119.1	100.4	1958	55.4	52.9	73.8	155.1	162.5	116.4	85.8
1963			76.8	145.7	152.1	117.8	90.5	1000							
1 <b>964</b>	66.3	64.2	78.0	150.2	155.2	127.7	€9.6	1960 1961	62.9	60.5	79.1	167.2	173.8	132.9	105.1
965	67.5	64.9	82.6	150.9	156.9	123.3	101.9	1962	64.6 69.2	61.3 65.8	88.8 94.2	166.1 164.7	174.9 173.2	120.9 120.9	107.5 113.5
966		66 1	84.1	147.8	153.9	120.9	101.7	1963	63.3	60.6	82.5	144.0	150 6	110.5	91.
967		<b>67</b> .7	77.3	135.0	138.1	120.9	93.5	1964	68.7	66.2	85.9	149.5	155.2	. ,	102.
968		72.4	80 3	135.1	137.6	124.1	99.6			i	}	İ		į.	
969	74 2	73 2	79.3	135.8	<b>13</b> 7. <b>7</b>	127.1	100.8	1965	70.5	67 7	89.8	150.2	156.5		
			i			į		1966	71.4	68.3	92.8	149.5	156.2	115.0	106



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output	per emp	loyee hour	Er	nployee	hours			Output	per emp	loyee hour	Er	nployee	hours	
Year	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ-	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out put
	В	rick and	structural c	ay tile S	IC 3251	-Continued	i			Clay	refractorie	s SIC 32	55Cor	ntinued	
968	75.0	73.1	87.3	135.4	139.0	118.4	101.6	1967	74.4	72.8	81.1	106.7	109.1	97.9	79
969			İ		139.4	122.4	99.0	1968 1969	77.0 83.1		75.3 81.3	105.9 112.1	1	108.3 114.8	
970		81.1	81.5	1	E .	1	93.7	4070							
971 972	89.8 91.5	90.2 89.5	87.7 103.4	115.4 121.4	114.8 124.1	117.9 107.4	103.4 111.1	1970 1971	82.1 81.3	86.7 88.2	89.0 63.5	108.5	1	129.2	
973		88.1	103.1	119.5	l .	104.5		1972	86.5	1	78.8	101.0 97.8	1	129.2 110.5	1
974	92.5	·		1	118.7	102.9	ì	1973 197 <b>4</b>	93.8 107.5	91.0 104.8	105.0 120.1	98.3 107.2	101.1	87.8 95.9	92
975	93.1	93.2	93.2	95.6	95.5	95.5	89.0	l)	101.0		1.30.1			30.5	'''
976	102.2	103.8	96.8			101.5	98.3	1975	95.5	97.5	89.1	104.9	102.8	112.5	100
977	100.0	100.0	100.0			100.0	100.0	1978		100.2	87.8	96.1	93.1	106.3	ı
978	96.5 85.8	94.9	105.8		107.9	97.0	102.4	1977	100.0		100.0	1		100.0	t
979	ļ	t İ	78.2		108.5		95.5	1978 1379	102.9 109.1	101.2 108.4	109.8 112.4	106.7 98.7	108.5 99.4	100.0 95.8	
980 981 ³	85.6 78.1	91.2 83.4	85.2 52.8			128.4 125.4	83.7 66.2	1980	108.0	114.3	89.7	86.6	1	104.2	93
Rates of change <sup>3</sup>					ļ 			1981 3	123.3	124.8	118.2	75.9	75.0	79.2	93
958–81 976–81	2.1 5.7	2.8 4.0	0.1 12.4			-0.5 8.1	-0.6 -7.1	change <sup>3</sup> 1958–81	2.	2.0		0.0		• •	
8/0-01	-5.7	L	ramic wall s	<u> </u>			-7.1	1976-81	3.1 4.3	3.8 4.6	1.1 3.4	0.8 4.7		1.4 -3.9	
958	49.6				r	· · ·	82.2			Co	ncrete proc	fucts SIC	3271, 3	3272	
								1947	34.8	29.8	<b>83</b> .0	62.9		26.4	21
960	52.4	52.2	53.3			175.9	93.8	1950	44.7		60.0	80.8		60.2	
961 962	55.8 61.4	56.4 60.7	52.7 64.3	159.8 170.0	157.9 171.9	189.0 182.1	89.1 104.3	1955	56.3	53.9	67.2	84.8	88.5	71.0	47
963		59.5			164.1	155.2	97.7	1960	57.8	54.5	72.4	97.4	103.0	77.5	58
964		63.2		170.0	168.8	175.9		1961	58.7 59.8	55.8	72.1 74.8	95.7 97.1	100.7 102.5	78.0 77.9	
965	64.1	63.5	66.8		163.4	155.2	103.7	1963	64.8		73.1	100.0		88.8	64
966		63.^			153.2	141.4	97.9	1964	68.7	67.2	75.6	102.8	105.0	93.4	70
967	89.3	89.3		137.6		137.9	95.3			i					
968 969	73.4 72.9	74.3 73.3	70.1 70.7	138.2 130.5	136.7 129.7	144.8 134.5	101.5 95.1	1965	71.3		80.0	107.8	امسما		76
••••	12.8	/3.5	70.7	130.5	128.7	134.5	83.1	1966 1967	75.7 78.9	75.2 75.8	80.1 91.0	108.2 99.8		102.2 86.4	81 78
970	72.0	74.4	82.9	120.4	118.5	137.9	86.7	1968	85.2		96.9	100.4		88.2	
971	78.8		77.9				80.6	1969	84.2		93.9		Į i	93.8	
972	88.2	88.7			109.4	100.0	94.9	ll .							
973	92.0				107.0		96.0	1970	82.3		92.1	111.0			
974	87.7	87.1	90.3	117.2	118.0	113.8	102.8	1971	88.0		94.4	110.3		102.9	97
975	89.0	91.4	79.8	105.1	102.3	117.2	93.5	1972 1973	89.7 92.4	1	95.4 98.8	115.4 119.9		108.5 112.4	
976	89.0					110.3	98.7	1974	93.7	91.1	102.9				
977	100.0	100.0	ž .			100.0						100.0	100.0	07.0	
978	115.3	112.0	l		102.3	88.2		1975	91.9	92.4	90.0	98.5	97.9	100.5	90
979	1		126.8		116.4	100.0		1976	95.0	94.8	96.0	I	97.9	96.5	
980 *	120.3	117.2	136.4	113.4	116.4	100.0	136.4	1977	100.0		100.0				
Rates of change <sup>3</sup>								1978 1979	98.8 94.8	95.0	99.0 93.3	109.0	108.5		103
958-80	3.6	3.8	4.0	- 2.8	- 2.8	-3.0	0.9	1980*	93.2	96.5	84.8	100.7	97.3	111.0	93
976-80	1	1		1.7	2.5		9.2	Rates of change 3							
	ļ		Clay retra		r	r	<del></del>	1947-80 1976-80	2.9 9						
958	53.7		1	1		ļ	55.2		}	F	eady-mized	concret	e SIC 32	273	<b>.</b>
960						70.8	85.1	1 4055		<u></u>			T		
961 962				(	110.1 102.8	70.8 66.7	64.7 64.4	1958	77.4	_		89.9	_	_	54
963			1 .	1				1960	77.9		_	75.5	_	<u> </u>	58
964				1	1	•		1961	76.7		_	75.3 77.3		[ _	56
	'	1	1	j				1962	78.7	_	_	77 8	_	_	61
965	71 <b>8</b> 75 6	87 7						1963			-	83.9			72
966		<b>72</b> 0	93.4	115.7	121.8	· 93.7	87 5	1964	86.2			84.7		_	7:

See footnotes at end of table.



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Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output	per emp	oyee hour	En	nployee	hours			Output	per emp	loyee hour	En	ployee	hours	
Year	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ail employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ-	Pro- duction work- ers	Nonpro- duction workers 1	Ou pu
		Ready-r	mixed conc	ete SIC	3273—C	ontinued				Gray	iron toundri	es SIC 3	321—Co	ontinued	
965	90.3	_		87.5			79.0	1961	66.7	66.4	68.9	77.5	77.9	75.0	51
966	90.7	1 1		86.3		-	78.3	1962	69.2		77.1	85.0	86.4	76.3	
967 968	95.0	-	-	85.8		-	61.5	1963	70.7		62.8		90.8	75.7	
969		_	_	63.6 88.4		_	61.7 62.6	1984	75.1	72.8	94.2	96.5	99.9	77.0	7.
970	. 91.1	_	_	86.4	_	_	78.7	1965	78.6		98.8		107.2	82.7	
971	97.2			83.6			81.3	1966		76.7	96.3		110.1	86.0	
972	. 99.5	_	_	97.0			96.5	1967 1968		73.3	67.2		102.7	86.4	1
973 974		-	_   _	96.3		-	99.7	1968	79.6 83.6	77.9 81.6	91.5 99.1		103.9 110.2	88.4 90.7	1 -
		_	_	97.2	_	-	97.5			ļ		Į į			
975	97.5	-	-	90.5		-	88.2	1970 1971	79.8 65.6	78.8 84.7	86.6		101.5	92.4	1
976	98.6	-	_	89.1		-	88.0	1972	90.2	88.3	91.2 103.4		95.2 104.1	88.4 88.9	
977		-	_	100.0	4		100.0	1973	94.5		110.8		115.4	95.9	
978 979		_		105.0 109.8		-	106.3 109.7	1974	97.7	95.7	111.2	1	112.1	96.5	
980 ²	93-1		_	102.7	: 1		95.6	1075	07.0	20.0					
Rates of							j	1975 1976	97.0		97.3	96.3	96.4	96.0	
change <sup>3</sup>								1977		96.4 100.0	96.4 100.0	97.3 100.0	97.3 100.0	97.3 100.0	
958-80	1.3	! _!	_	1.6	[ _]	i	2.9	1978		100.0	100.0	106.6	106.9	106.4	
976-80			-	3.6		_	2.6	1979	96.8	98.1	90.2	107.2	105.6	115.1	10
		<u></u>		0.0				}					į		
			Ste	el SIC 3	31			1980 1981 *		94.6 100.1	73.0 78.5		86.2 65.1	111.9 108.6	_
47	60.8	54.1	106.3	114.0	128.1	65.2	69.3	Rates of				·	ĺ		ĺ
50	67.8	60.7	115.2	119.7	133.7	70.4	81.1	change <sup>3</sup>							
355	75.9	69.0	117.7	127.0	139.6	81.9	96.4	1954-81	2.1	2.3	1.0	0.4	0.2	1.5	
								1976–81	1.0	(*)	<b>- 5.8</b>	2.2	3.2	2.6	-
960 961		68.8 71.4	80.8	111.4	115.2	98.2 93.3	79.3	ļ							<u> </u>
962		74.9	81.4 86.2	103.4 103.5	106.3 106.8	92.6	75.9 79.8			3	steel foundr	185 510 3	324, 33	25	
63		77.0	96.1	105.5	110.0	88.1	84.7	1954	73.2	71.7	79.9	80.9	82.6	74,1	5
64		79.3	106.5	114.4	121.3	90.3	96.2	1955,	60.3	76.6	102.0		99.0	74.3	7
65	87.5	82.6	110.7	119.6	126.7	94.5	104.6	1960	60.7	78.7	92.0	76.7	76.7	67.3	6
966		84.8	109.5	116.0	124.2		105.3	1961	81.8	80.1	89.8		71.7	63.9	
<del>96</del> 7		83.6	98.0	113.3	117.1	99.9	97.9	1962	85.6	82.8	102.3	77.9	80.7	65.3	
)68 )69		87.6	96.8	115.9	118.4	107.1	103.7	1963	91.2	67.7	111.2	88.0	91.6	72.2	
		87.7	98.9	118.1	121.2	107.5		1964	91.7	86.6	122.5	99.2	105.1	74.3	9
70 71		66.0 91.0	93.4 95.4	112.2 101.7	114.3 102.8	105.2 98.0	98.3 93.5	1965	94.1	88.8	126.4	106.0	112.3	78.9	9
72		95.5	104.4	101.7	105.0	96.1	100.3	1966	95.6	90.4	127.9	115.7	122.4	86.5	11
73		103.3	119.9	112.0		99.6		1967	93.5	90.2	111.8	108.5	112.5	90.8	10
74	1	103.7	117.7	112.0		101.4		1968 1969	91.1 93.3	89.5 90.5	98.6 107.7	103.4 108.6	105.2 112.1	95.5 94.2	
75	93.3	93.5	92.4	96.8	96.6	97.7	90.3		55.5	00.5	107.7	100.0	112.1	84.2	10
76	99.0	98.5	100.4	96.8	99.1	97.2	97.6	1970	90.6	88.4	101.7	93.9	96.3	83.7	6
)77	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1971	94.9	94.5	96.6	86.1	86.5	84.6	
978		106.9	113.7	103.4	104.8	96.5		1972	100.7	96.7	110.3	87.5	89.3	79.9	
79	106.9	105.1	113.2	104.5	106.3	98.7	111.7	1973 1974	101.9 112.4	99.1 108.4	116.9 134.1	93.7 101.4	96.4 105.2	81.7 65.0	9 11
80		104.3	98.5	90.1	86.9	94.1	92.7						ĺ		
81 <sup>2</sup>	112.2	113.1	109.3	90.7	90.0	93.1	101.8	1975 1976	107.5 105.7	105.0 105.3	120.1 107.3	100.1 94.6	102.5 95.2	89.6 93.4	
lates of	;	į						1977	100.0		100.0	100.0	100.0	100.0	
<b>.</b>	:	. ]				1		1976	98.1	97.1	102.8	105.6	106.7	100.8	
hange <sup>3</sup>	1 7		0.1 1.1	- 0.6 - 2.0		1.0 1.1	1.2 1	1979	99.4	96.8	112.4	116.7	121.9	105.0	
47-81	2 /	٠٠٠٠	1.1		- 2.3	- I.II	-,1	1980	99.1	99.0	99.5	115.5	115.8	115.1	
947-81	2.0							1981 <sup>2</sup>	93.6	94.6	69.6	114.1	4400	440.0	10
<del>:hange 3</del> 947-81 976- <b>61</b> .	2.0		Gray iron to	bundries	SIC 332	1			30.0	34.0	03.0	114.1	112.9	119.2	
947-81 976 <b>-61</b> .		• •			·····	·	55.2	Rates of	30.0	34.0	05.0	114.1	112.9	119.2	
47-81	58 7 63 3	56 6 60 4	75 9	94.0	·····	72 7	55.2 67.9			1.2	0.4	0.9	0.8	   	



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

	Output	per emp	loyee hour	En	nployee	hours			Output	per empl	oyee hour	Еп	ployee	hours	4
Year	Ail employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers	Out pu
**************************************	Prir	nary cor	oper, lead, a	nd zinc	SIC 333	1, 3332, 333	93			Prin	ary copper	SIC 333	1—Cont	inued	<b>1</b> ,
947		42.4	90.1	172.9	192.6	90.7	81.7	Rates of			· <del>-</del>				i
950 955		50.8 59.3		159.1 149.5	171.9 158.0		87.3 93.7	change <sup>a</sup>							
JJJ	. 06.7	35.3	01.5	148.0	130.0	114.5	33.7	1947-81 1976-81	1		0.4		-0.7	1.0	1
960		63.2		3	1	117.5		18/0-01	5.1	5.4	4.2	-6.9	<b>– 7.</b> 1	6.1	
961		66.3		1 <b>36</b> .5		115.5	93.8				Primary al	ıminum (	בוב מממי	1	
962 963		70.2 71.3		135.0 130.5		112.3 104.9	98.5 97.5	:			riiiiaiy ai	ummum s	350 3334	•	
964		73.8				1 .	102.4	1947,	38.3	36.9	45.8	33.9	35.2	28.4	1
								1950		1 1	51.9	38.5	40.0	31.8	
965 966		75.8	1	135.1	142.7	[		1955		1 1	57.1		74.5	63.7	
967		74.8 67.0	1	140.7 11 <b>4</b> .3	f .	ŀ	111.2 76.1								
968	78.5	75.6	1	128.1				1960 1961	71.7 74.7	71.9 75.9	70.5 70.0	64.3 58.2	64.1 57.3	65.4 62.1	
969	. 80.7	76.3	106.5	151.3	160.1	114.7	122.1	1962	78.4	78.5	77.2	61.5	61.4	62.4	
970	78.1	74.6	96.5	156.7	164.0	126.8	122.4	1963	81.0	80.9	81.1	64.7	64.8	64.6	5
971	81.5	79.9		136.6		•		1964	83.4	81.8	90.0	69.2	70.5	64.1	5
972	90.9	86.7	1	132.2				1965	85.4	84.1	90.7	72.7	73.8	68.5	6
973		91.5	1	129.6				1966		87.3	93.0		76.3	71.6	
974	. 86.0	84.8	91.3	130.2	132.0	122.7	112.0	1967	87.6		91.0		84.4	80.4	7
975	85.3	86.4	80.7	117.4	115.8	124.1	100.1	1968 1969			81.2 94.5	88.0 92.3	87.9 93.4	88.8 87.9	8
976	. 96.0	96.2	1	111.0		•		1909	80.0	88.0	54.5	82.3	83.4	67.8	0
977	1	100.0				100.0 100.0		1970	92.5	92.2	94.0	93.1	93.4	91.6	8
978 979		95.8 105.1		103.3 98.7				1971	100.7	101.7	96.7	83.4	82.6	86.9	
	1							1972 1973		101.3 97.8	94.4 106.6	87.4 97.3	86.2 98.9	92.5 90.7	
980 981 <sup>2</sup>		106.1 119.4	94.8 113.4	79.3 83.1				1974		109.1	118.8	95.2	96.7	88.8	10
Rates of change 3								1975 1976	96.2 101.4	100.1 102.1	82.6 9 <b>8</b> .4	87.4 91.6	84.0 91.0	101.8 94.4	
947-81	2.3	2.5	1.0	1.5	- 1.7	-0.3	0.8	1977		100.0	100.0	100.0	100.0	100.0	
976-81				-6.1				1978 1979		98.6 99.2	103.8 102.1	106.2 111.0	107.3 111.6	101.9 108. <b>4</b>	
		<u> </u>	Primary	opper S	IC 3331			1980	100.0		91.6		110.5	123.4	
947	51.3	46.2	102.1	130.0	144.5	65.3	66.7	1981 *	100.9	105.1	86.4	108.0	103.7	126.2	
950	60.4		89.5	118.4	127.0	79.9	71.5	Rates of change 3							
955	68.6	64.9	92.8	115.4	122.1	85.5	79.2	1947-81	3.4	3.5	2.6	2.8	2.6	3.6	
960	68.4	64.6	92.5	126.1	133.5	93.3	86.3	1976-81	1	.6	2.6	3.8	2.9	6.3	
961		1	1	121.9		102.8						<u> </u>			
962		1				100 9			1	Сор	per rolling (	and draw	ing SIC	3351	
963 964	1	1	1		1				}	, ,	_ <b></b>	·· .			
30		70.4	100.0	110.1	121.5		00.1	1958	54.9	54.7	56.0	124.7	125.3	122.3	61
9 <b>6</b> 5		1 .	_		1	86.0		1000	50.0	57.0	00.7	100 1	أميور		_
966 967		1		128.2 89.7		1		1960 1961,		57 0 62.9	63.7 64.1	122.1 124.2	124.8 <sub>1</sub> 124.6	111.7 122 4	71
968		1	1 -		•			1962	67.6	66.9	70.3	131.8	133.1	126.7	
969	82.6		1	134.5			111.1	1963 1964	74.0 81.5		86.5 95.3	125.4 128.4	130 1	107.3 109.9	92
970	. 79.8	76.6	97.9	i 144.0	150.0	117.4	114.9			70.0	80.0	120.4	133.2	108.8	10
971	819	80.7	87.2	127.4	129.2	119.6	104.3	1965	86.1	82.8	103.0	128.8	134.2	107.7	
972 973 .							116.3	1966 1967			113.8 83.5	135.6	142.5	108.4	
973	90 8 81.3				·		121.1 110.3	1968	80.3	79.5	83.4	125.3 126.1	127.7 127.3	116.0 121.3	10
975	. 83 0	85.3	74.0	; i 120.3	117.0	134 8	99.8	1 <del>969</del> .	85.6	83.9	92.8	133.0	135.6	122.9	11:
976	95 2					:	106.1	1970	76.8	76.9	76.3	120.6	120 4	121 3	9:
977	100 0				i	1	100.0	1971	85 8	84.9	89 2	115.0	118.2	110.7	1
1978 1979	99 4 . 113.3						100.6 i 104.8	1972 1973		85.3 90.0	100.0 108.3	121.4 128.6	125 <b>2</b> 133.2	106.8	
31 <b>3</b>	. 113.3	; ;	. 123.0 	9E.5	. 34.2 :	04.0	104.0	1974	85.2	84 2	89.7	119.7		110.7 113 7	
1980	105.3							·		!	:	:		:	
9817	127 4	128 5	122 2	81.3	80.6	84 8	103 6	1975	76 8	80.4	65 5	970	92 7	1137	7



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued [1977 = 100]

	Output	er empl	oyee hour	En	ployee I	nours			Output	per empl	oyee hour	Fi	ployee	INOURS	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put
	C	opper ro	lling and dr	awing SI	C 3351-	-Continued				Me	etal cans S	IC 3411-	-Continu	neq	<del>,</del>
978	86.1	85.6	87.8	108.1	108.7	106.0	93.1	1971	78.5	77.7	83.8	113.2	114.4	106.1	88
977		100.0	100.0	100.0	100.0	100.0	100.0	1972	80.8	79.3	91.3	1	ľ	1	
978	99.5	99.1	101.4	105.8	t i	103.8		1973 1974	81.8 84.7	79.8 84.2	95.0 87.8	117.6 115.1	120.3 115.8	101.1 111.3	1
79	98.8	98.0	102.4	112.3	113.3	108.4	111.0	İ							1
80	94.3	96.3	87.4 95.0	96.9 94.0	1	104.8 100.0		1975 1978	87.0 93.4	87.9 93.9	81.5 <del>9</del> 0.3		103.2 100.5	111.3 104.5	
81 *	101.1	102.7	95.0	<del>54</del> .0	82.5	100.0	30.0	1977	100.0		100.0	100.0	100.0	100.0	10
lates of hange <sup>3</sup>								1978		102.8 104.1	100.4 101.2	1 .	96.8 95.8	2	
58-81	2.2	2.3	1.5	-1.3	-1.4	-0.8	0.9	1979	103.8	104.1	101.2	80.0	85.6	1 30.3	
76-81	1					l.		1980	102.6	104.0	94.8			96.8	
	ļ	L	L	<u> </u>	2052	2254 225	5	1981 2	110.0	110.8	105.0	83.8	83.0	87.8	9
	All	iminum	rolling and t	urawing a		3354, 335	,	Rates of							
58	38.1	38.9	34.8	75.8	74.2	83.0	28.9	change <sup>3</sup>	 .  2.4	2.5	1.8	0.7	0.8	1.3	
30	20.0	! 39.7	38.1	86.5	84.8	93.4	33.7	1976-81	• .		1.7	I .	1	1	
β1		43.3	i			1	I .			<u>i                                    </u>	L	<u>.</u>	0:0.04		<del></del>
82 <b></b>	48.5				1				i i	i	Hand and e	idge tool	s SIC 34	23	
63 64						I .		1958	74.0	75.2	69.7	63.8	82.8	67.7	4
	1	33.2	33.4					i	1				!		
65					1	95.9		1960	. 77.0 . 79.8		74.5 74.8				
66 67	1	1	,	106.3		100.2 101.7	1	1961 1962	81.5	i	79.1	1	1	1 .	1
68		1			1	1	1	1963	84.0	į.	80.1		{		
69	. 64.1	64.8	60.9	111.3	110.0	117.0	71.3	1964	. 88.1	87.0	82.9	71.4	70.7	74.2	8
70						· ·	\$	1965		1	91.3			•	
71	1	1	1		1			1966 1967		1	93.8 101.0	I .	1 .	1	•
72 73	t .	I .	I		1		t	1968	. 95.5			77.9	79.0	73.7	7 7
74				103.0	103.3	102.1	99.3	1969	. 97.2	96.3	101.0	82.7	83.5	79.8	8
75	87.5	92.5	70.9			98.4	,	1970				1			
76	101.7	1	1	1			93.9	1971 1972				1	1		
)77 )78	i 100.0	100.0   104.9						1973							
79			L .				1	1974			1	89.9	90.5	87.8	3 8
80	.! 101.3	105.0	88.1	102.	98.9	117.8	103.8	1975	93.9	94.5	91.5	80.7	80.2	82.6	
981 <sup>2</sup>	•							1976	97.6	1		1			1 .
Rates of	:	1	1		İ			1977 1978		1	,		1	1	
hange 3	i	•	:	ļ	Ī	1		1979			,	1			
58-81	. 4.9			1				1980 *				2 <b>96</b> .9	92.9	110.6	B 9
7681	; 0.6 ;		l¦ ~ 2.!	5 1.	7 1.2	3.6	3 1.1	Rates of							
			Metal	cans SI	3411			change 3					2.0	1.9	
47	44.	7 43.0	53.2	77.	B 79.6	85.2	2 34.7	1958-80 1976-80			•	4			
947 950							- t		} -	i	l	.4			<u> </u>
955					B 91.0	76.	1 51.5		!	Fa	bricated str	ructural n	netal SIC	; 3441 	
960	. 66	1 64.0	6 78.	2 88.	1 90	78.4	4 58.2	1958	. 80.	2 79.3	83.	2 93.	1 94.	2 89.6	8 7
961.	. 69	7 68.						1060	0.1		)   81.	1 92.	4 92.	5 92.	3 7
962	87							1960 1961		1	i		. [		- 1
963 964	67 ( 88.				1 .	. 1		1962	; 88.	5 86.7	94.	0 82.	B 84.	3 77.0	8
			!	!	i		07.0	1963							
965 .	70							1964	92.	9i 91.8 	97.	7 92.	1 93.	67.1	۱ ۱
966 967 .	. 72. . 74				- 1			1965	. 97.	1 94.9	103.		4	1	
9 <b>68</b> .	. 78					2 89.	8 <b>85.2</b>	1966	95.	92.	103.				
	80			4 109	1 111.	7 93.	5 87.3	1967 1968	; 96. 100						
969									100	. 50:	, IUO.	U 107.	J. 175		-, "



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

[1977 = 100]

	Output	per emp	loyee hour	Er	nployee	hours	Į		Output	per emp	loyee hour	En	nployee	hours	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	Ail employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nenpro- duction workers 1	Ou pu
	F	ibricated	structural	metal SI	C 3441-	-Continued				Farr	m machiner	y SIC 35	23—Con	ntinued	
970	102.2	102.2	102.0	104.1	104.1	104.3	106.4	Rates of							
971	107.6	106.9	109.5	, -	99.5	97.2	106.4	change 3	1						
972	110.6	109.8	113.3		105.7		116.1	1972-80	0.6	1.5	2.1	1.5	0.6	4.3	2
973 974		112.7 106.0	113.6 109.4	105.9 105.3	106.2 106.2		119.7 112.6	1976-80	- 1.6	-1.1	-3.1	1.5	.9	3.0	
975	97.4	96.9	98.6	103.8	104.3	102.5				l aw	n and garde	n equina	nent SIC	2524	<u> </u>
976	98.9	98.7	99.0		97.3	97.0	96.0								
977		100.0	100.0	100.0	100.0	100.0		1972	88.8	90.8	83.3	108.2	105.8	115.4	90
978	100.4	99.3	103.9	101.1	102.2	97.7	101.5	1973	89.8	88.2	95.2		116.2	107.7	
979	102.0	100.2	107.5	109.7	111.7	104.1	111.9	1974	103.0	102.1	105.8	131.0	132.1	127.5	1
980	101.9	99.7	109.2	119.0	121.7	111.1		1975	89.6	92.7	81.5	103.0	99.6	113.2	92
981 3	106.7	105.3	111.0	116.6	118.1	112.1	124.4	1976	94.3	94.8	92.5	99.2	98.6	101.1	93
Rates of		i						1977 1978	100.0	100.0	100.0	100.0	100.0	100.0	
change <sup>3</sup>								1979	108.6 113.9	108.1	110.1	109.2	109.7	107.7	
958-81	1.1	1.1	1.1	1.1	1.1	1.0	2.2	1980*	107.4	112.7 114.4	118.0 90.6	126.4	127.8	122.0	
976-81	1.3	.9	2.5	4.4	4.8	3.2	5.8		107.4	117.7	80.0	103.6	97.5	123.1	111
				٦.٠	7.0	J.E		Rates of		j		- 1	}		Ì
		Farr	n and gard	en mach	inery SIC	352		change <sup>3</sup>		ł		1	Ì		
		·						1972-80	2.9	3.1	2.1	-0.4	-0.7	0.3	1
958	65.1	64.9	65.5	75.9	76.1	75.4	49.4	1976-80	4.0	5.1	1.2	3.3	2.3	6.1	7
960		61.3	58.6	70.9	70.0	73.2	42.9		С	onstructi	on machine	erv and e	oulomen	t SIC 3531	
961	62.9	61.3	67.7	72.7	74.5	67.5	45.7								
962	65.1	65.1	64.8	75.0	75.0	75.3	48.8	1958	74.2	77.0	67.6	60.8	58.6	66.5	45
963		64.3	74.3	80.6	83.5	72.3	53.7					••••	00.0	<b>V</b> 0. <b>U</b>	70
964	70.2	66.9	82.0	65.6	89.9	73.3	60.1	1960 1961	62.3 68.2	63.7 68.5	59.3	73.2	71.6	76.9	45
965	72.2	68.6	84.8	88.6	93.3	75.5	64.0	1962	74 1	72.8	67.5 77.8	62.3 65.7	62.0 66.9	63.0	42
966	76.7	72.3	92.7	99.6	105.6	82.4	76.4	1963	75.0	72.2	83.4	70.3	73.0	62.6 63.2	48 52
967	76.8	73.3	88.8	95.8	100.4	62.9	73.6	1964	77.9	73.8	91.4	79.1	83.5	67.4	61
<b>)68</b>	76.7	75.0	82.1	92.3	94.4	86.2	70.8						00.0	• • • • • • • • • • • • • • • • • • • •	•
969	73.8	73.2	75.9	89.1	89.9	86.7	65.8	1965	80.0	75.4	95.1	82.4	87.4	69.3	65
		_ 1	1		İ	İ	1	1966	81.2	75.1	104.1	83.7	90.6	65.3	68
970	75.7	75.2	77.3	86.0	86.6	84.2	65.1	1967	82.5	79.1	93.0	87.4	91.2	77.5	72
971	82.4	83.0	81.0	80.3	79.8	81.7	66.2	1968	82.2	80.3	87.5	91.5	93.7	85.9	75
972	90.1	87.0	99.9	85.6	88.6	77.2	77.1	1969	83.0	79.9	92.6	93.0	96.6	83.4	77
73 74	94.8	90.7	109.2	96.6	103.1	85.6	93.5	1970	83.4	82.0	67.3	98.0	97.4	00.4	7.
7,3	98.2	92.6	118.3	108.9	115.4	90.4	106.9	1971	85.6	85.3	86.6	86.0 79.4	87.4 79.7	82.1 78.5	71 <b>68</b>
75	97.7	95.3	105.2	102.4	104.9	05.4	400 0	1972	91.9	89.0	100.5	89.9	92.8	82.2	82
76	101.1	100.5	103.1	97.8	98.4	95.1 95.9	100.0 98.9	1973	94.0	90.0	106.2	102.6	107.1	90.8	96
77	100.0	100.0	100.0	100.0	100.0		100.0	1974	100.2	96.0	112.9	106.6	111.2	94.6	106
78	100.8	100.1	103.1	94.8	95.5	92.7	95.6	1075							
79	103.2	101.7	108.0	111.1	112.8	106.2	114.7	1975	93.9	92.3	98.2	99.8	101.5	95.4	93
980 *	96.3	99.6	88.1	101.1	97.8	110.6	97.4	1976 1977	96.3 100.0	97.8	92.3	93.4	91.9	97.4	89
Rates of	į							1978	105.8	100.0	100.0 109.8	100.0	100.0 112.8	100.0 107.0	100 117
hange 3	į	1		ļ				1979	100.3	101.3	98.0	110.0	108.9	i	110
158-80  176-80	2.6	2.7 ( <sup>4</sup> )	2.4 2.3	1.5 1.7	1.5 1.1	1.8 3.5	4.2	1980 1981 <sup>2</sup>	97 4 92.1	102.1 96.5	86.8 82.,	100.3 98.9	95.7 94.4	112.5 110.8	97. 91.
İ			Farm mac		⊥. C 3523			Rates of						, , ,	<b>J</b> 1.
i <b>7</b> 2	90.2	86.3	103.3	82.3	86.0	71.8	74.2	change <sup>3</sup>	1.8	2.0	1.5	2.2	2.1	2.6	4.
)73 )74	95.6 97.3	91.1 91.0	111.5 120.5	96.3 105.6	101.1	82.6 85.2	92.1	1976-81	- 1.0	1	-3.1	.8	1	3.0	<b>-</b> .
75	98 8	95.6	109.2	102.3	105.7	92.6	- 11			M	achine tool	s SIC 35	41, 3542	?	
76	102 2	101.3 <sub>i</sub>	104.7	97.6	98.4		99.7	1500	- I						
77	100.0	100.0	100.0	100.0	100.0	100.0		15:58	71.5	68.C	78.1	88.1	91.9	80.7	63.
78	98 4	97.6	100.6	92.6	93.3	90.6	91.1	1960	84 7	77 6 <sup>;</sup>	103 1	070	100 7	90.0	
79 .	100 2	9 <b>8</b> 6	105.2	108.7	1 10.5	103.5		1961	84 5	78 8	986	<b>97.8</b> 91.6	106 <b>7</b> 1 9 <b>8</b> .21	80.3 78.5	82. 77.
80 <sup>2</sup>	94 0	96.6	87.2 <sup>°</sup>	100.6	97.9	108.5		1962	88.5	81.5	300	99.4	.O.E.	/ 0.3	11



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

[1977 = 100]

Machine tools SiG 3541, 3542—Continued		Output	per emp	loyee hour	En	ployee	nours			Output	per emp	loyee hour	En	nployee 1	nours	
993. 90.1 84.0 105.0 105.2 110.7 88.3 90.0 1990. 94.5 81.4 152.0 94.1 100.2 1064. 98.9 90.9 124.4 112.4 123.8 90.3 112.3 1991. 1991. 1991. 1991. 1991. 1991. 1991. 1991. 1991. 1991. 1991. 1992.		employ-	duction work-	duction	employ-	duction work-	duction		Yesr	employ-	duction work-	duction	employ-	duction work-	Nonpro- duction workers 1	Ou pu
984. 999 909 124.4 112.4 122.6 90.3 112.3 198.1 98.0 88.6 141.4 93.8 108.1 98.6 111.7 98.6 111.7 128.6 128.6 97.4 125.3 198.6 198.7 128.6 98.6 111.7 98.6 143.3 198.6 156.4 100.7 156.1 198.0 108.4 101.3 129.8 98.2 108.7 128.6 98.0 107.0 98.2 128.4 143.3 198.6 156.4 100.7 156.1 198.0 110.4 101.3 129.8 98.2 108.5 115.5 105.6 147.6 105.6 115.5 105.6 147.6 105.6 115.5 105.6 147.6 105.6 115.5 105.6 147.6 105.6 115.5 105.6 147.6 105.6 115.5 105.6 117.5		Me	achine to	ools SIC 354	1, 3 <b>54</b> 2-	-Contin	ued			Me	etal-form	ning machin	e tools S	IC 3542	-Continue	1
985. 101.4 91.7 128.6 123.6 138.6 97.4 125.3 198.6 105.7 92.5 158.6 96.7 112.8 1986. 111.7 98.6 146.3 139.8 156.4 105.7 156.1 196.4 111.5 105.5 105.5 147.6 105.6 115.5 106.5 105.1 92.2 126.4 147.3 129.8 156.4 105.7 144.7 122.6 137.8 196.4 111.5 107.7 144.7 122.6 137.8 196.4 123.1 111.5 105.5 147.6 105.6 115.5 106.5 147.6 105.6 115.5 106.5 107.1 115.5 1	63	90.1	84.0	105.3	103.2	110.7	88.3	93.0			81.4	152.0	94.1	109.2	58.5	84
985. 101.4 91.7 128.6 123.6 138.6 97.4 125.3 1993. 1094. 101.3 128.6 99.2 106.1 980. 111.7 99.6 143.3 139.6 139.4 105.7 151. 1994. 111.7 99.6 143.3 139.6 139.4 105.7 111.7 99.6 143.3 139.6 139.4 105.7 111.7 99.6 143.3 139.6 139.4 105.5 111.7 199.6 143.3 139.6 139.6 100.1 111.7 111.	64	99.9	90.9	124.4	112.4	123.6	90.3	112.3	1961	98.0	t			1	65.0 65.7	
986. 1117, 998. 1483, 1986, 1864, 106.7, 186.1 907. 1016, 922, 1284, 147.3, 1986, 186.4, 106.7, 186.9 908. 1021, 95.2, 111.4, 140.5, 148.9, 123.5, 137.8, 1986. 109.3, 100.5, 137.9, 115.3, 128.5, 1989. 988. 97.9, 924, 111.4, 140.5, 148.9, 123.5, 137.8, 1989. 122.1, 111.5, 137.7, 141.9, 137.8, 141.5, 128.5, 137.8, 1989. 1989. 102.3, 137.8, 1989. 1989. 102.3, 137.2, 140.8, 130.8, 144.5, 137.8, 140.8,	965	101.4	91.7	128 6	123.6	136.6	97.4	125.3							62.6	ł
987. 904. 924 181.4 140.5 146.9 123.5 137.8 1965. 109.3 100.5 137.9 116.3 122.5 1808. 97.9 92.4 111.5 137.7 144.7 123.6 137.8 1966. 123.1 111.3 164.4 130.8 130.8 1970. 917. 97.9 918. 96.0 122.1 124.7 116.7 112.0 1966. 123.1 111.3 164.4 130.8 130.8 1970. 917. 97.9 918. 918. 96.0 122.1 124.7 116.7 112.0 1966. 103.9 100.7 112.4 128.8 130.8 1970. 918. 918. 918. 918. 918. 918. 918. 918			1			- : : -						ž.			82.8	ı
989. 100.1 95.2 111.5 137.7 144.7 123.6 137.8 1998. 123.1 111.3 144.4 130.6 144.5 130.6 144.5 130.7 144.7 111.5 111.5 112.1 111.5 112.1 112.0 1998. 123.1 111.3 144.4 130.6 144.5 130.6 144.5 130.6 144.5 130.6 147.5 14	967	101.6	92.2	128.4	147.3	162.6	116.7									
977. 91.7 89.8 96.0 122.1 124.7 116.7 112.0 1967. 112.7 105.0 139.2 131.2 40.8 197.2 99.0 97.0 10.0 2 93.1 94.0 91.0 91.2 12.7 105.0 102.9 33.1 94.0 91.0 91.2 12.7 105.0 103.9 115.4 125.5 129.3 127.4 109.8 107.7 120.5 106.4 114.3 96.5 116.3 127.4 129.1 127.1 107.0 103.9 115.4 125.5 129.3 127.4 109.4 102.7 125.4 110.5 124.1 101.6 127.4 129.1 127.1 107.0 103.9 115.4 125.5 129.3 127.4 109.4 102.7 125.4 110.5 124.1 101.6 127.4 129.1 127.1 107.0 103.9 115.4 125.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 127.5 129.3 129.5 129.3 127.5 129.3 129.3 129.5 129.3 127.5 129.3 129.5 129.5 129.3 129.5 129.3 129.5 129.3 129.5 129.3 129.5 129.3 129.5 129.3 129.5 129.3 129.5 129.3 129.5 129.3 129.5 129.5 129.3 129.5 129.5 129.3 129.5 129.5 129.3 129.5				E .	Ł	1			1965	109.3	100.5	137.9	116.3	126.5	92.2	12
977. 91.7 89.8 90.0 122.1 124.7 116.7 112.0 1988. 103.8 100.7 112.4 126.8 130.8 177. 97.9 91.6 81.6 92.0 83.9 94.0 91.0 91.0 91.0 197.0 103.9 115.4 125.5 128.3 1972. 98.0 97.0 100.2 93.1 94.0 91.0 91.0 197.0 103.9 115.4 125.5 128.3 1972. 107.3 101.7 120.5 1084. 114.3 96.5 116.3 1970. 98.5 99.3 80.3 104.1 100.3 1974. 100.4 102.7 125.4 116.5 124.1 101.8 127.4 1971. 95.7 99.3 88.3 104.1 100.3 1972. 107.5 108.0 117.0 108.1 123.3 1972. 107.5 108.0 117.0 108.1 123.3 1972. 107.5 108.0 117.0 104.3 105.6 1972. 107.5 108.0 117.0 104.3 105.6 1972. 107.5 108.0 117.0 104.3 105.6 1972. 107.5 108.0 117.0 104.3 105.6 1972. 107.5 108.0 117.0 104.3 105.6 1972. 107.5 108.0 117.0 104.3 105.6 1972. 107.5 108.0 117.0 104.3 105.6 1972. 107.5 108.0 117.0 104.3 105.6 1972. 107.5 108.0 117.0 104.3 105.6 197.0 107	969	100.1	95.2	111.5	137.7	144.7	123.6	137.6	1966	123.1	111.3	T .	1		97.8	18
971. 879 91.6 81.6 92.8 83.9 99.6 81.4 1989. 107.0 103.0 115.4 125.5 129.3 1972. 98.0 97.0 100.2 93.1 94.0 91.0 91.2 91.0 91.2 97.3 107.3 107.7 120.5 108.4 114.3 96.5 118.3 1970. 98.5 95.4 107.0 128.3 123.3 1974. 109.4 102.7 125.4 116.5 124.1 101.0 127.4 1971. 98.5 98.3 88.3 104.1 103.3 105.6 177.3 108.0 101.7 108.0 105.9 107.3 102.9 108.1 1972. 107.5 108.0 111.2 104.3 105.6 177.3 108.0 100.1 100.1 100.0	370	04.7	000	000	1221	1047	1187	1120				ľ	1	1	108.6	1
972. 98.0 97.0 100.2 93.1 94.0 91.0 91.2 1973. 107.3 101.7 100.5 102.6 118.5 124.1 101.8 127.4 1970. 98.5 98.3 107.0 128.1 132.3 1974. 100.7 128.1 132.3 1975. 100.0 100.7 128.1 132.3 1975. 98.4 97.4 100.4 96.4 96.4 96.4 93.5 89.9 107.3 102.8 102.1 1975. 100.0 100.											ı		1		117.2	1
973 107.3 101.7 120.5 108.4 114.3 96.5 118.3 1970 98.5 95.4 107.0 128.1 122.3 1774 109.4 102.7 125.4 116.5 124.1 101.6 127.4 1971 95.7 98.3 88.3 104.1 100.3 1975 98.4 97.4 100.4 98.4 96.4 93.5 89.9 1972 107.5 108.0 111.2 104.3 105.6 1977 100.0 1974 111.9 108.0 122.4 127.4 122.0 127.5 107.9 101.9 97.7 111.4 118.9 121.9 100.6 119.1 1975 104.0 104.5 102.6 109.7 109.2 109.8 109.8 118.8 122.5 114.0 118.1 1977 100.0				1					1969	107.0	103.9	115.4	125.5	129.3	118.4	13
974. 109.4 102.7 125.4 116.5 124.1 101.8 127.4 197. 95.3 94.3 68.3 104.1 100.3 177.5 107.5 108.0 107.3 102.9 109.1 1972. 107.5 108.0 111.2 104.3 105.6 177.8 107.8						1 .	ł .		4070	20.5	05.4	407.0	4004	400.0	4470	40
975. 103.0 101.7 106.0 105.9 107.3 102.9 106.1 1973. 107.5 106.0 117.4 106.0 107.9 107.3 102.9 106.1 1973. 114.1 106.2 127.5 120.1 127.5 107.5 106.0 117.4 112.0 107.5 107.5 106.0 117.4 112.0 107.5 1			1				1				4	1	1	1	117.9 112.8	
98.4 97.4 100.4 100.4 100.0 10			1										1	1	100.8	
977. 100.0 1	75	103.0		1			ł					1	1	1	109.3	
979. 102.5 982 109.8 109.8 127. 101.6 111.8 1979. 101.9 107.9 101.9 97.7 111.4 116.9 121.9 106.9 119.1 1975. 104.0 104.5 102.6 109.7 109.2 1981. 103.2 105.0 99.9 111.8 109.7 115.3 115.2 1975. 100.0				1		1 7						1		1	118.4	,
979. 101.9 97.7 111.4 118.9 121.9 100.9 118.1 1975. 100.0 100.5 104.6 109.5 197.8 1980. 98.7 98.4 103.8 119.6 122.5 114.0 116.1 1977. 100.0 100.						1				]						ŀ
880. 98.7 96.4 103.8 119.6 122.5 114.0 116.1 1976. 101.7 100.5 104.6 96.5 97.8 981.2 103.2 105.0 99.9 111.8 109.7 115.3 115.2 1978. 99.9 100.2 99.4 107.3 107.0 107.0 100.0 10						1			1975	. 104.0	104.5	102.8	109.7	109.2	111.0	11
Rates of change 3   103.2   105.0   99.9   111.8   109.7   115.3   115.2   1978.   99.9   100.2   99.4   107.3   107.0	,, <del>,</del> , , , , , , , , , , , , , , , , ,	101.5	, 57.7	111.3	1.0.		100.5		1976	. 101.7		104.6	96.5	97.6	93.6	
Rates of change 3   1979. 96.4 97.3 101.1 113.0 114.3 1 1980. 92.4 94.6 87.7 109.8 107.3 1 1980. 92.4 1981 92.6 99.3 80.5 97.9 91.5 1 1981 92.6 99.3 80.5 97.9 91.5 1 1981 92.6 92.6 99.3 80.5 97.9 91.5 1 1981 92.6 92.6 99.3 80.5 97.9 91.5 1 1981 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6	980	. 98.7	96 4	103.6	119.6	122.5	114.0	116.1				1		100.0	100.0	
Rates of changes of ch	981 ²	103.2	105.0	99.9	111.8	109.7	115.3	115.2			1		1	1	107.9 110.0	
958_81									İ	1					115.7	
	-	0.9	1.3	(4)	0.4	0.1	1.3	1.4						I .	112.9	
Metal-cutting machine tools SIC 3641   1958 - 81   -0.1   0.5   -2.0   0.4   -0.3   -0.3   -0.5	976–81					3.9	4.3	4.6	Rates of				}			
958. 67.6 83.9 75.8 85.9 90.9 76.6 85.1 90.9 76.6 85.1 90.9 95.0 83.4 72.7 90.9 95.0 88.1 83.0 964. 94.9 86.0 117.4 115.1 127.0 93.0 109.2 966. 99.7 141.3 143.1 157.0 127.0 98.9 95.7 99.0 110.2 142.5 151.5 126.1 139.0 1964. 97.5 91.7 110.2 142.5 151.5 126.1 139.0 1968. 97.5 91.7 110.2 142.5 151.5 126.1 139.0 1968. 97.5 91.7 110.2 142.5 151.5 126.1 139.0 1968. 97.5 99.8 117.8 102.9 108.8 84.2 95.7 75.2 98.0 84.3 96.9 87.0 88.0 84.2 95.5 75.2 96.8 85.5 89.0 87.2 96.8 85.5 89.0 87.2 96.8 85.5 89.0 87.2 126.8 17.2 116.7 107.2 1968. 81.2 76.5 91.1 86.9 92.3 96.8 85.9 97.9 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10			Me	tal-cutting m	achine t	ools SIC	3541		1958-81			1			2.3	
960. 81.5 76.6 92.3 99.4 105.7 67.6 87.6 81.0 91.0 91.0 92.0 99.5 99.4 106.7 87.6 87.6 87.6 87.6 87.6 87.6 87.6 8	958	67.6	63.9	75.6	85.9	90.9	76.6	58.1	1970-01	. – 2.0	<u> </u>	L	1	1	4.1	<u>_</u>
962 83.2 78.3 97.9 104.9 112.9 90.3 88.4 84.3 78.3 97.9 104.9 112.9 90.3 88.4 196.0 94.9 88.0 117.4 115.1 127.0 93.0 109.2 196.6 66.8 65.2 89.0 87.0 68.4 64.3 96.6 107.8 95.7 141.3 143.5 181.8 109.5 154.7 196.3 78.2 75.5 84.0 66.2 68.6 98.7 98.0 87.5 126.2 153.8 172.1 119.3 150.8 98.9 95.7 99.0 111.0 146.1 157.0 125.9 139.8 99.9 97.5 91.7 110.2 142.5 151.5 126.1 139.0 196.6 81.2 76.5 91.1 86.9 92.3 97.0 89.5 88.1 91.9 119.8 121.7 116.7 107.2 196.6 81.2 76.5 91.1 86.9 92.3 97.1 105.5 99.8 117.8 102.9 108.8 92.2 108.8 97.4 108.9 101.2 126.5 112.3 120.8 96.7 122.3 1968 82.0 82.8 83.0 83.3 97.4 108.9 101.2 126.5 112.3 120.8 96.7 122.3 1970 85.8 65.8 82.9 97.7 100.0 10											Punk	Ta acito com	Pressors	310 330	1, 3003	,
983. 84.3 78.3 97.9 104.9 112.9 90.3 88.4 99.4 98.0 117.4 115.1 127.0 93.0 109.2 196.4 99.4 98.0 117.4 115.1 127.0 93.0 109.2 196.1 99.3 75.2 68.0 67.0 68.4 64.3 196.6 107.8 95.7 141.3 143.5 181.8 109.5 154.7 196.3 78.2 75.5 84.0 66.2 68.6 99.7 98.0 87.5 126.2 153.6 172.1 119.3 150.8 95.7 99.7 110.2 142.5 151.5 126.1 139.0 196.4 79.4 78.2 65.8 74.3 77.4 196.9 97.5 91.7 110.2 142.5 151.5 126.1 139.0 196.6 81.2 76.5 91.1 86.9 92.3 196.8 92.3 196.8 92.3 196.8 191.1 86.9 92.3 196.8 191.1 86.9 92.3 196.8 191.1 86.9 92.3 196.8 191.1 86.9 92.3 196.8 191.1 86.9 92.3 196.8 191.1 191.1 116.7 107.2 196.7 62.5 78.9 99.6 85.0 88.9 97.3 105.5 99.6 117.6 102.9 108.6 92.2 108.8 92.2 108.8 191.9 101.2 126.3 112.3 120.8 96.7 122.3 196.9 66.3 84.5 89.8 65.7 87.8 97.3 105.5 99.6 117.6 102.9 108.6 92.2 108.6 92.2 108.6 92.7 108.9 101.2 126.3 112.3 120.8 96.7 122.3 196.9 66.3 84.5 89.8 65.7 87.8 97.4 106.9 101.2 126.3 112.3 120.8 96.7 122.3 197.0 85.6 65.8 65.9 67.2 67.2 197.5 100.0 10			L				1		1958	. 64.5	64.5	64.5	63.7	63.7	63.7	4
964. 94.9 86.0 117.4 115.1 127.0 93.0 109.2 1961 69.2 68.3 70.7 83.4 64.3 965 98.7 88.4 125.7 126.4 141.1 99.3 124.6 1962 73.8 72.8 75.2 66.0 66.8 967 98.0 87.5 126.2 153.8 172.1 119.3 150.8 98.9 97.5 99.7 110.2 142.5 151.5 126.1 139.0 1965 81.2 78.5 91.7 110.2 142.5 151.5 126.1 139.0 1966 81.2 78.5 91.1 86.9 92.3 1969 97.5 91.7 110.2 142.5 151.5 126.1 139.0 1965 81.2 78.5 91.1 86.9 92.3 197. 96.8 89.5 89.0 87.6 83.9 97.2 94.8 94.3 95.8 88.5 89.0 87.6 83.9 97.3 105.5 99.6 117.8 102.9 108.8 92.2 108.8 92.2 108.8 97.4 108.9 101.2 126.5 112.3 120.8 96.7 122.3 1969 86.3 84.5 89.6 85.7 87.8 97.9 97.9 103.1 97.8 115.4 116.5 125.2 105.9 133.7 97.9 103.1 97.8 115.4 116.5 125.2 105.9 113.7 197.1 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0 198.8 113.7 116.1 127.5 118.1 124.8 197.8 102.9 102.5 102.5 102.1 103.2 111.7 112.1 118.1 124.8 197.8 102.9 108.6 97.8 113.4 124.7 116.1 12.0 12.2 12.2 12.2 105.5 112.3 120.8 96.7 122.2 105.9 122.2 106.8 97.9 103.1 97.8 115.4 116.5 125.2 105.9 122.2 105.9 122.2 107.5 117.0 117.5 118.1 124.8 100.0 10						1	1						]			
986. 98.7 88.4 125.7 128.4 141.1 99.3 124.8 1962. 73.8 72.8 75.2 68.0 68.8 966. 107.6 95.7 141.3 143.5 161.8 109.5 154.7 1964. 79.4 78.2 65.6 74.3 77.4 98.9 95.7 89.0 111.0 148.1 157.0 125.9 198.8 95.7 89.0 111.0 142.5 151.5 128.1 139.0 1965. 81.0 77.2 88.8 80.8 84.8 97.5 91.7 110.2 142.5 151.5 128.1 139.0 1965. 81.0 77.2 88.8 80.8 84.8 97.1 1965. 81.0 77.2 88.8 80.8 84.8 97.1 1965. 81.0 77.2 88.8 80.8 84.8 97.1 1967. 85.5 89.3 76.7 88.0 84.2 95.5 75.2 1968. 81.2 76.5 91.1 86.9 92.3 1968. 81.2 76.5 89.0 81.7 81.0 1967. 82.5 76.9 89.6 85.0 88.9 97.3 105.5 99.6 117.6 102.9 108.6 92.2 108.6 97.4 108.9 101.2 126.5 112.3 120.8 96.7 122.3 120.8 122.3 120.8 96.7 122.3 120.8 96.7 122.3 120.8 96.7 122.3 120.8 122.3 120.8 96.7 122.3 120.8 96.7 122.3 120.8 122.3 120.8 96.7 122.3 120.8 122.3 120.8 96.7 122.3 120.8 122.3 120.8 96.7 122.3 120.8 122.3 120.3 120.3 120.3 120.3 120.3 120.3 120.3 120.3 120.3 120.3 120.3 12	964	94.9											1	1	64.6	
966. 107.8 95.7 98.0 87.5 126.2 153.8 172.1 119.3 150.8 96.9 97.5 91.7 110.2 142.5 151.5 128.1 139.0 1968. 97.5 91.7 110.2 142.5 151.6 128.1 139.0 1968. 81.2 76.5 91.1 86.9 92.3 97.0 85.5 89.3 76.7 88.0 84.2 95.5 75.2 1968. 82.3 97.2 94.8 94.3 95.8 88.5 89.0 87.4 100.2 100.5 100.2 100.5 100.2 100.5 100.2 100.6 97.4 106.9 101.2 126.3 112.3 120.6 96.7 122.3 1969. 86.3 84.5 89.6 85.7 87.8 97.5 102.9 100.7 107.3 104.5 106.7 100.2 100.0 10									1961	. 69.2		1		4	62.1	4
967 98.0 87.5 126.2 153.6 172.1 119.3 150.8 968 95.7 89.0 111.0 148.1 157.0 125.9 139.8 969 97.5 91.7 110.2 142.5 151.5 128.1 139.0 1968 81.2 78.5 91.7 88.0 84.2 95.5 75.2 91.7 88.5 89.3 76.7 88.0 84.2 95.5 75.2 91.7 88.5 89.5 88.5 89.0 67.6 83.9 1969 68.3 84.5 89.8 85.7 89.8 973 105.5 99.8 117.6 102.9 106.6 92.2 108.6 97.4 106.9 101.2 126.3 112.3 120.8 96.7 122.3 1969 82.8 79.7 77.3 96.4 99.0 95.1 96.0 93.4 92.5 1972 91.1 90.7 100.0	965	. 98.7				141.1			1902	70.0	1	1	1	1	64.6 61.7	2
988. 95.7 89.0 111.0 148.1 157.0 125.9 139.8 96.9 97.5 91.7 110.2 142.5 151.5 128.1 139.0 1968. 81.2 76.5 91.1 88.9 92.3 970. 89.5 88.1 91.9 119.8 121.7 118.7 107.2 1968. 81.2 76.5 91.1 88.9 92.3 971. 85.5 89.3 76.7 88.0 84.2 95.5 75.2 1968. 82.3 82.0 82.8 83.0 83.3 972. 94.8 94.3 95.8 89.5 89.0 87.6 89.9 92.2 108.8 973. 105.5 99.8 117.8 102.9 108.8 92.2 108.8 974. 108.9 101.2 126.3 112.3 120.8 96.7 122.3 108.9 975. 102.9 100.7 107.3 104.5 108.7 100.2 107.5 107.5 100.0					1								1	1	68.9	
969. 97.5 91.7 110.2 142.5 151.6 128.1 139.0 1965. 81.0 77.2 88.8 80.8 84.8 970. 85.5 89.3 76.7 88.0 84.2 95.5 75.2 1968. 82.3 82.0 82.6 83.0 83.3 972. 94.8 94.3 95.8 88.5 89.0 67.6 83.9 1969. 86.3 84.5 89.6 85.7 87.8 973. 105.5 99.8 117.6 102.9 108.6 92.2 108.6 974. 108.9 101.2 126.5 112.3 120.8 96.7 122.3 1970. 85.6 85.8 85.8 82.8 82.8 83.0 83.3 975. 102.9 100.7 107.3 104.5 106.7 100.0					i	•			1004	. , , , ,	70.2	. 00.0	, , , , , ,	7	00.0	1
970									1965	61.0	77.2	88.8	80.6	84.8	73.5	
971	<del>505</del>	37.5	, 31	110.2	172.5	131.3	120.1	155.0			1			1	1	
971	970	. 89.5	88.1	91.9	119.8	121.7	116.7	107.2			76.9	89.6	85.0	88.9	76.2	7
973	971	. 85.5	1	78.7	88.0	84.2	95.5	75.2		. 62.3	82.0	82.6	83.0		82.5	•
974				1					1969	. 66.3	84.5	89.6	85.7	87.6	82.6	7
975		•	•													١.
975   102.9   100.7   107.3   104.5   108.7   100.2   107.5   98.0   99.4   92.5   1973   99.9   95.9   101.4   89.7   91.8   97.9   97	974	. 108.9	101.2	2j 126.3	112.3	120.6	96.7	122.3	1970	. 85.6	1	1			1	1
976 97.3 96.4 99.0 95.1 96.0 93.4 92.5 1973 97.9 95.9 101.4 69.7 91.6 97.9 97.0 100.	075	102.0	400	107 2	1045	100 7	100.2	107.5	1971	. 67.1	1	1 .				
977		1												4		١
978											1	1	1	4	• _	
979							99.5	113.7	10/4	sro./	83.0	102.5	97.2	100.4	J/	•
980 100.9 96.7 110.0 123.6 129.0 113.4 124.7 1978 96.8 97.8 95.9 94.4 93.5 106.7 106.2 107.5 117.0 117.5 118.1 124.6 1978 100.0 100.	97 <b>9</b>	103.1	97.0			125.2	105.9	122.2	1975	91.4	92.2	89.9	95.3	94.5	96.9	6
980 106.7 106.7 106.2 107.5 117.0 117.5 118.1 124.6 1978								40	1978			,	1	1	ſ	
981 2 106.7 106.2 107.5 117.0 117.5 116.1 124.6 1978					1	1			1977	. 100.0	4	1			1	
958-81 1.3 1.5 0.7 0.5 0.2 1.0 1.7 1980 2 99.8 101.2 97.7 113.1 111.8 976-81 1.4 1.1 2.0 5.1 5.5 4.5 6.6 Rates of change 3		100.7	106.2	107.5	117.0	) 117.5 	116.1	124.0	1978	. 102.6				1	103.9 110.9	•
976-81 1.4 1.1 2.0 5.1 5.5 4.5 6.6 Rates of change 3	•		j .					_	1980 2	90 9	101.9	077	1121	111 8	115.6	4.
Model form and work and a SIC OCAD									Rates of	55.0	101.2					'
посмотегници помению може может и тики, и тик		,	··	tal-torming	machine	tools Sit	C 3542		_	!	!	!			1	:
1936-60 21 2.2 1.6 2.0 2.4		3					- <del> </del>	<del></del>	1958~80 .	. 21						



Table 98. indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

[1977=100]

i	Output	per emp	loyee hour	En	nployee	hours	1		Output	per emp	loyee hour	En En	nployee	hours	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	'Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put
		Pump	e and pump	ping equi	pment S	IC 3561				Ball an	d roller bes	urings SIC	3562-	Continued	<del></del>
1972	90.8		92.5			87.8		1981	92.0	91.1	95.4	102.6	103.6	99.2	94.
973 97 <b>4</b>	94.1 93.8	92.0 90.8	98.6 99.6			93.0		Rates of							l I
		<b>30.0</b>	<b>8</b> 9.0	<b>50.2</b>	101.4	92.3	91.9	change <sup>3</sup>							ļ
975			85.8			105.4		1958-81		2.4	1.7				
976 977	92.7 100.0	94.6 100.0	89.6 100.0			103.7 100.0	92.9 100.0	1976-81	_ 1.5	- 1.8	3	1.8	1.9	.3	1
978	101.1	101.2	101.0	104.9	104.8	105.1	106.1				Transfo	rmers Si	3612		_
979	100.7	100.7	100.8	110.8	110.6	110.7	111.6	4000	075	07.0	67.4				
980 *	97.2	98.9	93.9	115.8	113.7	119.8	112.5	1963 1964		67.6 71.9	67.1 77.0		78.8 82.1	77.3 7 <b>6</b> .8	
Rates of								1965	79.9	77.0	87.4	87.1	90.4	79.8	
change <sup>3</sup>								1966 1967	75.8 75.5	72.9 73.0	83.7 82.1	1	101.7	88.5	•
972-80	1.2	1.6	0.5		2.2	3.4	3.9	1968	80.2	73.5 77.5	87.1	105.3	108.9 110.3	96.8 98.2	
976–80	1.0	1.0	1.0	4.0	4.0	4.0	5.0	1969	88.6	85.1	97.7		108.5	94.5	
		Air	and gas co	ompresed	ons SIC 3	3 <b>56</b> 3		1970 1971	89.1 94.4	84.9 90.1	100.6 105.8		113.9	96.1	
								1972	98.1	94.1	109.1	106.5	108.5 111.1	92.4 95.8	
972	92.1	93.7	89.7	72.4	71.2	74.4	66.7	1973	96.9	91.5	112.4	119.4	126.5	102.9	
973	106.8	107.4	106.1	74.7	74.3	75.2	79.8	1974	92.7	88.5	104.2	121.9	127.7	108.4	113
974	103.0	100.0	108.1	95.3	98.2	90.8	98.2	1975	89.3	92.0	83.9	95.7	92.9	101,9	65
975	94.7	92.3	98.8	85.0	87.2	81.5	80.5	1976	90.1	92.0	85.9	1 1	93.7	100.3	
976	106.4	105.9	107.3	83.1	83.5	82.4	88.4	1977		100.0	100.0		100.0	100.0	
977 978	100.0 105.5	100.0 104.4	100.0 107.3	100.0 103.4	100.0	100.0	100.0	1978 1979	103.4 108.5	102.1 105.9	106.7 114.9	103.2 103.9	104.5 106.4	100.0 98.1	106 112
979	106.0	104.7	107.3	113.5	104.5 114.9	101.7 111.3	109.1 120.3	1980 a	110.7	111.4	109.3		99.3	101,2	1
980 =	105.7	106.0	105.3	107.6	107.3	108.0	113.7	Rates of				33.3			
Rates of change <sup>2</sup>								change <sup>3</sup>	0.5						_
972-80	1.1	1.0	1.2	5.4	5.5	5.3	6.5	1963–80 1976–80	2.5 5.1	2.8 4.5	2.1 8.4	1.1 1.2	0.9 1.8	1.5 (*)	3. 6.
978-80	.5	.5	.4	6.6	6.6	6.7	7.1		<b>-</b>	M	otors and g	enerator	SIC 36	21	
		Be	ili and rolle	bearing	SIC 35	62		1954 1955	49.9 51.1	51.9 52.8	43.9 46.0	115.1 118.1	110.8 114.3	132.7 131.2	57. <b>6</b> 0.
958	52.7	51.9	55.8	75.7	76.9	71.8	39.9	1960	62.0	66.5	50.3	104.0	97.0	128.3	
000	647	50.4	70.0					1961	66.3	71.3	53.3	98.3	91.5	122.3	65.
960 961	64.7 66.5	62.4 64.8	73.9 72.8	88.8 83.4	91.8 85.6	77.5 7 <b>6</b> .2	57.3 <b>⇔</b> 55.5	1962	73.7	77.4	63.4	97.8	93.1	113.7	72.
962	72.4	69.6	83.9	91.9	95.6	79.3	66.5	1963 1964	74.7 82.5	77.1 85.2	67.3 74.3	99.3 100.6	96.2 97.4	110.3 111.7	74 83
963 964	73.5 79.3	72.4	77.5	93.2	94.6	88.4	68.5		52.5	55.2	, 4.0	100.0	•/4	,,,,,	00
303	78.3	76.9	88.5	98.6	101.7	88.4	78.2	1965	88.3	88.6	87.1	107.9	107.8	109.4	95
965	90.0	86.3	105.0	105.8	110.3	90.7	95.2	1966 1967	90.3 87.1	88.3 87.1	97.6 86.8	116.9 118.2	119.6 118.2	108.2 118.5	105. 102.
966 967	90.1 86.7	86.3 84.1	106.3 96.8	118.5 115.6	123.8 119.2	100.5	106.8	1968	89.2	89.8	87.3	116.0	115.2	118.5	103.
968	89.8	89.2	91.5	110.6	111.3	103.5 106.5	100.2 99.3	1969	89.8	90.2	88.1	116.5	118.0	118.7	104.
969	87.8	86.5	92.2	118.2	117.9	110.6	102.0	1970	87.8	89.5	82.2	107.9	105.8	115.0	04
1	85.5	86.3	82.4	104.0	103.0	107.9	88.9	1971	94.8	96.9	87.8	98.2	96.1	115.2 106.0	94. 93.
970	88.8	90.6	82.3	91.4	89.4	98.4	81.0	1972	95.7	95.5	96.7	95.3	95.5	94.3	91.
971		97.4	102.8	97.6	98.8	93.8	96.2	1973	100.7	98.0	110.2	194.8	107.7	95.7	
971 972	98.6	100.5	112.8	108.0 108.7	110.8 111.2		111.3 113.4	1974	100.1	98.8	104.6	103.2	104.6	98.8	103.
971 972 973	103.1	1	1 1.3 4.			100.0		1975	93.0	96.3	83.3	84.3	81.4	94.1	78.
971 972 973 974	103.1 104.3	102.0	113.4	- 1	1	i		1070	000	امدما	1				00
971 972 973 974	103.1 104.3 97.5	97.9	96.1	96.0	95.6	97.4	93.6	1976	95.9	94.6	100.8	92.6	94.1	88.5	
970 971 972 973 974 975 976	103.1 104.3 97.5 99.0	97.9 98.7	96.1 99.7	95.6	95.8	94.9	94.6	1977	100.0	100.0	100.0	100.0	100.0	100.0	100.
971 972 973 974 975 976 977	103.1 104.3 97.5	97.9	96.1			94.9 100.0								100.0 106.1	100. 107.
971 972 973 974	103.1 104.3 97.5 99.0 100.0	97.9 98.7 100.0	96.1 99.7 100.0	95.6 100.0	95.8 100.0	94.9	94.6 100.0 106.8	1977 1978	100.0 98.8	100.0 97.8	100.0 101.3	100.0 109.0	100.0 109.9	100.0	89. 100. 107. 106.



Table 98. indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued [1977=100]

	Output	per empl	oyee hour	En	pioyee I	hours			Output	per emp	loyee hour	En	nployee	nours	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	No pro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put
		Motors	and genera	ntors SIC	3621—0	Continued			Но	usehold	cooking equ	uipment (	SIC 3631	-Continue	d 
Rates of change 3								1979	108.5	109.9	104.5	115.8	114.4	120.3	125
954-81	2.7	2.5	3.5	- 0.5	- 0.2	1.2	2.2	1980	103.7	103.2	105.2			T	
976-81		.3	-2.8					1981 <sup>2</sup>	116.4	111.0	137.1	105.8	110.9	89.8	123
	Majo	r househ	old applian	ces SIC	3631, 36	3 <b>2, 3633</b> , 3	639	change <sup>3</sup>							_
958	38.5	40.2	32.5	105.5	100.9	124.9	40.6	1958–81 1976–81	3.9 2.6		1				5 6
960	43.8		38.5	P .		122.4				Househo	old refrigera	tors and	freezers	SIC 3632	
961			40.3	1	96.2	115.7		4050	00.0	25.0	20.0	1400	115.3	138.0	40
962		1	48.0 59.1	:	101.6 100.6	I	52.3 58.0	1958	. 33.9	35.0	29.3	119.0	115.3	130.0	10.
963 964	1	1 .	62.5	l .	107.6	103.0		1960	41.0	41.3	39.2	131.0	130.0	137.1	53
••••		00.0	02.0					1961		1	1	1	l l		52
965	62.2	61.9	63.4			110.1	69.8	1962	. 47.2	46.7	50.2		•	119.4	
966	62.4	61.2	67.8	117.8	120.1	108.4		1963							
967		1		1	1	111.4	1	1964	. 59.5	59.2	60.7	133.5	134.2	130.9	79
968	. 69.5	1	1	į.	1			1965	81.4	61.3	61.7	143.0	143.2	142.4	87
969	. 71.9	719	71.8	116.3	116.2	116.5	63.0	1966			1	1	1 .		1
970	70.2	70.5	69.1	114.8	114.4	116.7	80.6	1967		1	t	1	1	1	
970 971			1	i	94.4	98.3		1968				1		1	· ·
972			l .		1	97.1		1969		1			143.8	151.3	107
973		1	1 .	1		1	1	ĮĮ.	1			İ	1		
974	. 89.6	•	1	1		1	86.2	1970 1971	71.7 87.2		1			1	
975	. 93.6	96.0	84.6	84.9	82.8	94.0	79.5	1972					I.		1
976					4	1	,	1973							
977			L .		1	1	1	1974		97.9	90.7	92.9	91.8	99.1	89
978	*	I	1			1	104.2			1					
979			107.5	98.3	98.0	99.4	106.9	1975	1	L				•	•
		İ		1				1976	. 94.0		1	i	1	1	
980				1	1	1	1	1977 1978	100.0 98.4				1	1	
981 <sup>2</sup>	108.7	106.3	109.9	90.8	91.1	89.8	98.7	1979	112.2	1	1		1		1
Rates of change 3								1980	İ				}		
958-81	4.6	4.5	4.9	-0.7	- o.e	<u> </u>	3.8	1981 2					75.0	69.9	84
976–81						1	•	Rates of							
		Hous	sehold cook	king equil	oment S	IC 3631		change <sup>3</sup>	5.2	5.2	5.3	- 2.5	- 2.5	- 2.6	3 2
1958	49.	47.7	55.9	73.6	76.6	65.3	36.5	1976-81	4.3	1	8.0	-6.6	- 5.9	9.8	-2
960	1	; 3 50.9	50.2	79.6	79.3	80.5	40.4			Hou	sehold laun	dry equip	ment SI	C 3633	
1961	··· •	1		- 1		73.7	39.6	1958	39.6	43.6	28.4	133.9	121.8	187.9	53
962	4	54.1						1		1	l I				
963		1				1		1960							
1964	60.	57.9	68.3	79.0	62.1	69.	47.5	1961		1	. 1				
1065	-		70	84.9	90.2	i 2i <b>68</b> .6	53.6	1962					_	1	
1965 1966					1			1963 1964			.1				. 1
967	1		1	- 1	•	1	•	100	00.0	J 30.:	1	1 '''	1	100.1	"
968						1	1	1965	61 !	5 64.4	51. <sup>-</sup>	1 114.5	109.3	137.8	70
969					1			1966	63.9		1			130.3	3 78
		!	i	!	.1	!		1967	67.	1					
970	•							1968	69.0	1				2	. 1
1971		1				1		1969	69.4	69.6	68.0	124.	7 124.2	2 127.2	2 80
1972								1070	70	7 70	ן קוֹ בַּבּי	116.4	114.3	125.6	82
1973								1970							
1974	87	9 87 2	2! <b>89</b> .:	7 85.1	, 00.4 1	53.1		1972							
1975	. 97	: 8;    98 4	95	7 71.4	4 <sup>1</sup> 70.9	72.9	69.8	1973							
	100							1974		_				. ·	
	100		_				1000							1	:
1977		1		5 106.0		•	7 1083	1975	93.0	6 95	3 <b>86</b> 4	4 86 (	85		9: 81



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued [1977 = 100]

	Output	per emp	oyee hour	En	nployee	hours			Output	per emp	loyee hour	En	nployee	hours	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	Ail employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ou pu
	Но	usehold	laundry equ	uipment §	SIC 3833	Continue	d			Ele	ctric lamps	SIC 364	1-Conti	inued	<b>.</b>
1976	99.0	100.6	92.8	90.8	89.4	96.9	89.9	1974	.; 69.9	89.5	91.7	107.5	107.9	105.3	96
1977 1978			100.0 102 6	•		100.0	(					İ			1
1979			115.6	103.6	:	100.0 97.0	102.6 112.1	1975 1976	96.4		93.5 103.5	1	91.7 98.2		• -
980	400.0	400.0	00.0	07.0	22.5			1977	100.0	100.0		1		100.0	
981 <sup>2</sup>	.i 102.2 .i 97.6	: .	99.3 95.0			100.0 103.0		1978 1979	103.0 106.2	1	105.7 114.9	100.5 101.2	100.9	97.9	
Rates of								1980	i		108.1		102.3 94.9	93.6 91.5	
<b>change</b> <sup>5</sup> 958-81	40	ا م	•			•		1961 2			104.7		88.6	89.4	1
976-61	4.3		5.8 .6		-0.7 1.3	2.4 .8	3.2 1.4	Rates of							
		L 1	sehold app	L		L		change <sup>s</sup> 1954–81	1.0	4.0	2.2	4.0	4.0	4.0	
059	42.4	г т		<del></del>			40.0	1976-81	1.6	: )	2.2 1.1	1.6 2.1	1.6 2.1	1.3 2.1	1
958 oea	! :	50.6	26.4		79.7	152.7		[ ]		Lighting	fixtures SI	C 3645, 3	3646, 36	47, 3648	<u> </u>
960 961		57.8 62.0	34.6 35.3		72.9 69.4	121.8 121.8	<b>42.1</b> <b>43.0</b>		· 	r r		r	<del></del> -		_
962	60.9	65.9	45.0	84.6		114.5	51.5	1961		58.4	75.7	75.1	79.6	61.4	4
963		1	50.1	84.3	79.3	107.3	53.8	1962 1963		63.3 63.9	84.4 81.2		84.3 87.6	63.3	
984	69.0	73.4	54.2	84.3	79.3	107.3	58.2	1964	69.0		80.0		90.9	<b>6</b> 9.0 75.0	
965		73.1	60.2	83.9	80.9	98.2	59.1						!		
966		68.4	55.3	84.3	80.9	100.0		1965 1966	72.3 74.4	67.5 <sup>1</sup> 70.	91.2	95.9	102.6	76.0	1
967 968	67.6 72.5	72.4 76.5	51.9 58.4	87.9 87.9	82.1 83.3	114.5 109.0	59.4 63.7	1967	74.1	70. 70.7	91.7 86.7	99.0 <b>99</b> .2	105.2 104.0	80.4 84.8	7
969		76.6	55.2	69.2	82.9	118.2	65.2	1968 1969	76.2 80.1	73.5 77.8	85.8 8 <b>8</b> .5	103.7 110.8	107.5 114.2	92.1 100.3	7
970		74.8	55.2	101.2	95.2	129.1	71.2	1070	70.4			ļ	-		
971972		82.3	57.0	93.8	86.9	125.4	71.5	1970 1971	78 1 83.7	77.3 82.1	80.6 88.9	105.8 102.5	106.9 104.5	102.2 96.5	8
973		96.8 86.7	70.4 78.9	88.8 111.1	83.3 109.2	114.5 120.0	80.6 94.7	1972	90.7	88.3	99.0	110.1	113.1	100.9	8
974		85.3	80.6	100.6	99.7	105.5	85.0	1973 1974	93.8 90.3	69.9 89.0	107.4 94.8	115.4 102.0	120.3 103.5	100.7 97.2	10
975		93.4	72.4	83.0	78.9	101.8	73.7	1075	90.0	00.4					
978			82.4	91.8	89.2	103.7	85.4	1975 1976	89.2 95.1	90.1 93.5	86.7 100.7	86.1 93.8	85.2 95.4	88.8 88.8	7
977 978	100.0 104.0	100.0 107.2	100.0 <sup>1</sup> 91.7	100.0 99.3	100.0 96.4	100.0 112.7	100 0 103.3	1977	100.0	100.0	100.0	100.0	100.0	100.0	8 10
979	104.3		98.9	106.9	105.6	112.7	111.5	1978	100.6	99.4	104.0	104.8	106.0	101.3	
980			91.5	96.7	94.4	107.3	98.2	1979	94.9 94.1	94.8 95.9	95.2 88.9	112.0	112.1	111.7	10
981 <sup>2</sup> <b>Rates of</b>	100.8	105.6	83.2	93 1	88.8	112.7	93.8	Rates of	34.1	55.5	00.5	105.2	103.2	111.4	9
ch <b>ange</b> <sup>3</sup> 958–81	3.5	3.0:	5 1	0.8	1.3	- 0.7	4.3	change <sup>3</sup>	2.4	2.8	1.1	1.3	0 9	2.8	į
976-81		1.7	4	.1	3	1.8	1.4	1976–80	7	(*)	2.9	3.5	2.6	5.9	
•		· · · · · · · · · · · · · · · · · · ·	Electric I	amps SIC	3641					Radio ar	nd television	receivin	g sets S	SIC 3651	
954	62.5 66.6		60.1 67.0	66.4 69.5	66.0 69.6	69.1 69.1	41.5 46.3	1958	41.8	40.8	45.5	92.0	94.3	84.7	31
960		76 1	71 8	75.2	74.6	79.1	58.8	1960 1961	45.8 46.9	44.5 46.3	50.3	99.0	101.7	90.1	4
961	74.5	75.3	68 9	70.9	70 1	76.6	52.8	1962	52.2	50.0	48.7 61.2	103.8 114.4	105.2 119.4	99.9 97.8	48 59
962 963		79 6:	76 1	75 3	74.9	78.3	59.8	1963	58.1	54 1	78.7	112.3	120.5	85.0	65
963 964	80 8: 83 4:	80 8′ 83 4	82 0  84.0	77.5 78.9	77.5 78.9	76.3 78.3	62.6 65.8	1964	57.9  	53.7	77.8	121.7	131.2	90.8	70
965	88 7	88.0	94.4	83 3	84.0	78.3	73.9	1965 1966	63.5 65.5	58.1 59.1	92.1	142.6	155.9	98.4	90
968	89 3	88.0	100.1	92.4	93.8	82.4	62.5	1967	66.5	61.6	101.3 90.0	181.3 159.5	200.9 <sub>1</sub> 172.1 <sub>1</sub>	117.2 117.8	118 108
967	87 5	86 8	93 1	94.3	95.1	88.6	82.5	1968	71.0	66 7	90.2	154.5	164 5	121 8	109
968 969	90.4 89.4,	89.6 <sub>1</sub> 89.2	97 01 91.2	100.2 98.5	101.1 98.8	93.4 96.6	90.6 88.1	1969	68.4	65.2	81.3	145.9	153.0	122.7	¥
	55.4	00.2	:	33.3	<b>90.0</b>	30.0	50.1	1970	70.6	71.2	68.4	123.8	122.7	127.8	87
970	:	97.3	96.9	100.2	101 4	91.3	88.5	1971	74.2	73.2	77.4	123 9	125 6	118.7	91
971 972	87 5' 92 8	86 9 91 <b>6</b>	92 1 <sub>1</sub>	100.6i 107.2i	101 3	95.6 97.8	88.0	1972	87.8	83.7	104.5	118.5	124.3	99.6	104
972 973	92 D	88 5	101.9 103.5		108 6; 118.7	97.8 101.5	99.5	1973 1974	87.9	83.2	108 5	124.9	132.0	101.2	109



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued [1977=100]

	Output	oer empl	oyee hour	Em	ployee	hours			Output	per emp	loyee hour	Er	nployee	hours	! }
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out pu
	Radio	and tele	evision rece	iving set	s SIC 38	51—Contin	ued		Railro	ad transı	portation-re	venue tra	affic SIC	401—Conti	nued
975	90.1	91.8	<b>8</b> 5.5	91.9	90.4	96.8	82.8	1973		95.9	99.0	107.1	107.6	104.2	
76	100.8		92.9	96.5	94.1	104.7		1974	93.7	93.3	96.8	108.1	108.8	104.6	101
77			19			•		4075	00.5	00.0	00.4	00.0	07.5	404.0	
78		118.8	102.1	101.9	98.8	l		1975 1978	89.5 95.4	1	86.1 94.0		1	101.9 100.8	
79 80 ³		121.5 120.3	107.5 100.1	93.0 89.2	90.4 85.3	102.1	1 1	1977			I .	1			:
00	113.0	120.5	100.1	00.2	00.0	102.0	.02.0	1978				1		:	1 .
ates of hange <sup>3</sup>			<u>'</u>		_			1979	104.7	İ				99.8	ł
58-80 76-80	4.4	5.1 5.1	3.2 2.2		- 1.0 - <b>2</b> .9		•	1980 1981 <sup>2</sup>		1	E	1			:
	• · · · · · · · · · · · · · · · · · · ·	Moto	or vehicles	and equi	oment S	IC 371		Rates of change 3						i 	
57	47.6	47.5	48.0	76.∸	76.8	75.8	36.4	1947-81	1		•	1		ì	1
60	55.1	55.2	54.5	72.1	71.9	72.9	39.7	1976–81	.; 3.1	3.4	1.4	- 2.0	- 2.3	<b>-</b>	<u> </u>
81			_	:	59.8	•	l .			Railro	ad transpo	rtation-c	ar miles	C 401	
62			60.8	71.1	70.9					T	, ———- ·	<b></b>	т	Γ	·
63	63.7	1		L		:	<b>J</b>	1947					1		
84	64.4	64.8	83.1	78.0	77.5	79.8	50.2	1950 1955	. 42.6 . 51.8		)	1		I .	
65	i 68.6	. 67.7	72.2	89.3	90.6	84.9	81.3	1955	. 31.0	49.0	j /4.1	220.2	230.2	130.0	' '
86			i		1 .	1	1	1960	. 83.3	61.9	74.7	184.2	187.9	139.0	10
87	69.3	70.5	65.8	, 80.9	ī	1		1961			1				
38			•			1		1962			!		_	•	
39	; 73.6 ·	73.9	72.4	92.3	91.9	93.8	67.9	1963 1964	. 71.3 . 73.8					i	
70	70.5	72.5	64.1	78.2	78.0	86.0	55.1		., , , , , , , , , , , , , , , , , , ,	:				į ,	
71 , <mark></mark>	81.9	•						1965							1
72				1	·		1	1966			*	1			
73 74					•		1 .	1967 1968			•		1		
		i			0		مدما	1969	.¦ 88.9	87.9	96.5	120.0	1214	110.8	10
75				4	1		. 1	1970	 .: 89.1	88.2	95.3	 	118.7	109.9	10
76 77					1		100.0	1971		•	1		1	107.0	10
78	•			_	1 .		104.4	1972		98.0			107.4		
79		100.0	93.6	98.7	97.2	103.9	97.2	1973 1974	4						
80 81 ²							1	1975		 	94.5	98.0	975	101.9	٤
lates of				}	•	į	j	1976	100.1				;		
hange <sup>3</sup>				:	1		1	1977 1978							
<b>5</b> 0 57-81	3.2	2 33	ı <sup>:</sup> 2.9	 ); 1.3	1.2	1.6	3 4.5	1979							
76-81	1						5.0	1980 ²			1	1	2¦ 93.3		
	•	Railroad	i j transporta	tion-reve	nue traf	tic SIC 401		Rates of change 3	i :	Î Î			į		İ
47	300	28 2	54.0	338.2	360.2	187.0	B: 101.4	1947-80	.   3.5	5. 3.7	· 1.6	3.9			
50		·				163		1978-80	15	5 1.7	,	3 - 1.º		)!2 i	!!
55	. 374	35.9	9: 53.€ :	226.2	236.2	2, 158.0	0; 84.7		; ; <u> </u>		•	-		1, 4141. 41	4
60					167.8		- '			valine				•	
61								1954	88 9	) _	·	- 121.	2:		- 10
62 63	. 52 2 54 9			_ •	_			1955				- 114.0		.i	-  10
64 ,	58				145.4			N .	1		k T	1			1
			•		i 	1 400	4: 00 4	1960			-! -:	- 105.0 - 105.0			-  10 -  10
)65	85			_	3⊢ 137.1 4⊢ 134.1		_ (	1961			1	- 105.	_ 1		- 1
166 167	70 : 72 :				2 1 <b>26</b> .9		1	1963			1	400			- 1
167 168					7 124.		. 1	1964				- 109	9	-, -	- 1
69	. 79				121.4		6 94.8	1555		<b>.</b> :		. 400	اء		- - 1
		<b>, .</b>		.∤ •'••• <del>•</del> •	 	21 400	0 012	1965 1968	1163 1188		•	109. - 111.			-;
970 9 <b>7</b> 1	7 <b>7</b> (							1967	1148						- 1
9 <b>7</b> 1 972	<b>8</b> 8				1: 107.			1968				- 115			1
			table.	•											



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

[1977 = 100]

	Culput	<del></del>	loyee hour	Er	nployee	nours	-		Output	per emp	loyee hour	En	nployee	hours	1
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ou pu
	Bus	carriers		arts of S ontinued		4141, 414-	_		Interci	ty truckin	ig-general f	reight * S	SIC 4213	part-Con	itinue
969	109.9	_		114.7	_	_	128.12	1966	77.4		_	91.6	1	_	70
970	107.3	_	_	115.4	<u> </u>		123.8	1967 1968				91.4 94.8	<b> </b>	<u> </u>	68
971	104.8	_	_	111.0			118.3	1969	80.6		_	98.1	_	! -	78
972	106.8	_	_	104.4		_	111.5					00.1	_	!	1 "
973	106.2	_	_	100.6		_	106.8	1970	78.8	! -	_	94.9	l _	<u> </u>	72
974	110.2	_	_	105.1	<u> </u>	_	115.8	1971			-	95.4	_	. <b>–</b>	77
75	07.0		•	407.0	ļ			1972		,	_	99.0	_	_	8
75 7 <b>6</b>	97.0 93.8	_	_	107. <b>6</b> 107.3		_	104.4	1973 1974	91.7 93.4		_	103.2	_	_	9
77	100.0	_	_	107.3			100.7 100.0	1974	33.4	_	-	99.5	_	_	9
78	99.7	_		99.0		_	98.7	1975	88.4		_	91.2	_	   <b>-</b>	8
79	101.5	_	_	103.8	_	_	105.4	1978	96.1		_	95.5	_	_	9
80 2	104.8	-	_	100.6	_	_	105.4	1977			_	100.0	_	_	10
ates of								1978	98.8			107.7	-	_	10
hange <sup>3</sup>								1979	96.6	_		110.7	-	_	10
54-80	0.3		_	-0.3	!		(4)	1980	87.9			103.6			9
76-80	2.4	_		9		_	1.4	1981 2	92.5			93.7			8
					<u> </u>			1					ı		Ī
		lr	tercity truci	king * SIC	C 4213 p	ert		Rates of change <sup>3</sup>							
								1954-81	20			4.0			
54	56.8	_	-	48.4	-	-	27.5	1976-81	2.0 1.7		_	1.9 .1		_	_
55	59.9		-	52.9	_		31.7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
30	66.5	_	_	62.6	_	_	41.8			Air tro	ansportation	5 CIC 4	511 452	li neri	
31	67.2	_]	_	61.6		_	41.4			All tre	insportation	1 - 310 4	JII, 432	i part	
82	89.3			64.6	_	_	44.8	1947	12.0	T		30.0	1		
83		-	-	66.3	_	-1	48.1	1950	17.9		_	27.9	_		
64	74.5	-[	-	68.7		-	51.2	1955	28.7	_	_	39.7		_	1
<b>0</b> E		1				-		]				]	- !		·
65 66	77.2 81.3	_		74.5 78.5			57.5 63.8	1960	34 3			54.3	-1	_	18
67	78.2			78.9			81.7	1961	36.2	-	-	54.4	-		18
88	83.3	_	_	81.8	_	_	68.1	1962 1963	40.4 44.4		-	55.2	-	-	22
89	85.2	-	_	85.2	_	_	72.6	1964	48.8			56.7 60.2	-		2
		1			Į.		-		40.0	1		00.2	_		2
70 71	83.5	-	-	83.8	-	-	69.8	1965	54,4	-1		85.3	_	_	3
72	88.8 94.8	_	_	85.5	-		75.9	1966	81.1	-1	-	71.4	-		4
73	96.8		_	90.5 96.1			85.8 92.8	1967	85.1		-	84.8	-[	-	5
74	93.3			96.6	_	_	90.1	1968	68.0		-	93.7	-		6
i	i	i			-			1969	69.9	-		100.0		-	8
75			-	91.5		-	81.8	1970	71.4		_	99.4			7
78	100.3	-	-	92.8	-	-	93.1	1971	76.0	_ <u>i</u>		95.6	_	—, —,	72
77 78	1	-	-	100.0	-		100.0	1972	83.8		<b>-</b> į	95.3	!	]	79
79	99.8 98.6			107.2 108.7			107.0	1973	85.5	-	-	99.1	-	-	84
3	30.0	_	_	700.7	_		107.2	1974	88.6		-1	98.0	-	-	84
30i	94.3	!		102.7	_		96.8	1975	87.6 <sup>.</sup>		į	00.4	1	-	
81 <b>2</b>	98.7		_	93.3	-	<b>-</b>	92.1	1976	95.5	_:		96.4¦ 97.5			84 93
ates of	,	1		ļ	1			1977	100.0			100.0		_	100
ange 3	į	į	,	ŀ	į	1		1978	109.3	_	<u>i</u>	104.2		_!	113
64-81	2.2			2.8	. 1		5.1	1979	113.1	<b>—</b> i	-;	110.9	<del></del> !	-	125
6-81	8 <sup>t</sup>		_	3			<b>4</b>	1000	اد ده.	i	į	i	1	İ	
· · · · · · · · · · · · · · · · · · ·		1		1	1			1980 1981 <sup>2</sup>	106.2°	-:	-	113.9	_	_	121
:	in	itercity to	rucking-gen	eral freig	ht * SIC	4213 part	į.		105.8	<del></del> .	-1	111.1	!	_	117
ŀ		1.		···r			{	Rates of		i	:	:	;		
4 !	58.3	-i	-	59.9	-	-;	34.9	change 1		•	!	:	- !	į	
i5	60.2	-		64.8	-	_	39.0	1947-81	66	<del></del> :	l	4.7	;		11
: 10	65.0			74.6	!	_1	48.5	1976-81	2 1		-:	3.2			
id	65 0			73.4		<del></del> ;	46.5	<u> </u>	•	•		•	1	1	
2 .	66.9		_	76 7	_!	_	513	į .		Petrol	eum pipelin	es 5 6 SI	C 4612,	4613	
3	69 6	<u> </u>	_	77 9	i	i	54.2				•				
4	72 7			80.5	—.	<del>-</del> .	58 5	1947	10 7	_		154 3		-;	16
55					i			1950	14 1		-	149 3	-	'	21
	78 7	_	<del>-</del> -	816			64.2	. 1 <b>95</b> 5	22 5			1423		_	32



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

[1977 = 100]

1	Output s	per empl	oyee hour	Er	nployee	hours			Output	per empi	oyee hour	En	nployee	riours	-
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	Ail employ- ees	Pro- duction work- ers	Nonpro- duction workers <sup>1</sup>	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ou pu
	Pet	troleum	pipelines <sup>6</sup>	SIC 46	12, 4613	Continued	1			Gas an	d electric u	tilities <sup>a</sup> S	SIC 491,	492, 493	
960	31.5	27.0	_	124.9	1 1	_	39.3								
961	33.5	29.2	_	120.0		_	40.2	1947	18.9	16.4	_	69.7	80.6	_	1:
962 963	35.3 39.0	30.3 33.3	_	116.8 111.9		_	41.2 43.6	1950	22.6			1			1
64	42.7	37.2	_	108.2			46.2	1955	34.0	30.8		82.6	91.1	_	21
65	50.8	44.7	_	105.5	119.8	_	53.6	1960	47.2	43.9	_	84.7	91.2	_	4
66	56.9	50.1	_	102.2		_	58.2	1961		1		84.0	1	_	4
67	64.6	56.9	_	101.1		_	65.3	1962				83.7			4
68	68.1	60.5	_	100.0	112.5	_	68.1	1963 1964	57.4 61.6	: 1	_	83.8 84.2	•	l .	4 5
69	73.2	66.6	_	96.8	106.5	_	70.9		01.0	36.3	_	04.2	08.0		
70	78.9	72.9	_	95.1	102.9	_	75.0	1965 1966	64.3 69.0		_	85.6 86.5		=	5
71	81.7	77.0	_	93.5	99.2	_	76.4	1967	72.0	1 !		88.0	-	_	6
72	91.4	85.7	_	90.3	1	_	82.5	1968	77.2	1 1	_	89.4	93.8	_	6
73	96.8	91.3		90.8		_	87.9	1969	82.0		_	91.6	ì	_	7
74	93.8	88.4	_	93.5	99.2	_	87.7	1970	84.6	81.1	!	94,1	98.2		,
75	93.2	90.2	_	94.6	97.8		88.2	1971		4 ' 1	_	94.1	97.7		é
76	94.7	93.5	_	95.8	97.0	_	90.7	1972				96.7	100.1	_	8
77	100.0		_	100.0	1	-	100.0	1973	93.6	91.0		99.6	102.4	_	٤
78	101.2	102.7		105.9	1	_	107.2	1974	92.0	91.1	_	100.6	101.7	_	١
79	102.5	105.9	_	108.6	105.1	_	111.3	1975	95.7	94.3		97.9	99.4	_	٤
80	93.5	96.2	_	115.1	111.8		107.6	1976			_	98.2		_	
81 ²	87.1	91.6	_	118.4			103.1	1977		• .	_	100.0		_	10
ates of								1978 1979	98.2 97.6	99.3	_	105.3 109.0	1	_	10
hange <sup>s</sup>							_		87.0		_	108.0	107.6	_	
47–81 76–81 ,	7.5 ~1.7		<del></del>	-1.6 4.4	1	_	5.7 2.6	1980 1981 *	96.2 94.8	4 1	_	112.0 114.3		_	10
10-01		l		L	L		2.0	Rates of	34.0	33.0	_	114.3	113.0	_	'
		Tele	phone con	nmunicat	ions SIC	4811		change <sup>3</sup>							
51 55	21.1 25.0		<u> </u>	65.9 73.3		_	13.9 18.3	1947-81 1976-81	5.4 8	5.9 5	_	1.1 3.3	0.6 2.9	_	
<b></b>	37.4			72.2			27.4		† ·			*			
60 61	40.7			73.2 71.5		_	29.1		<u> </u>	EI	ectric utilitie	85 SIC 49	91, 493	part	
62	43.5	_				_	31.2		1						
63	46.7			71.8	-		33.5		<b></b>	ı ;		<del></del>	r <del></del>		Τ
64	48.5	-	_	74.4	-	_	36.1	1958	34.7	i -		78.9	_	_	2
65	50.6	_	_	77.8		_	39.4	1960	413			78.5	_	_	. g
66	52.9			82.2			43.5	1961	44.1			77.6		_	3
67	56.9	_ _	_	83.0	) —	<b>—</b> .	47.2	1962	47.6		_	77.3		_	3
68	60.4	-	_	84.5		-		1963	51.0		_	77.4	•	_	1 3
69	61 7	j –	_	91.8	-		56.6	1964	54.9	_		77.9	_	_	1
70	62.1	l		97.2	<u> </u>	_	60.4	1965	57.9			79.6		_	4
71			_	94.9		_	63.4	1966	62.5			80.7	ſ	_	5
72	70.0	1		1			69.2	1967 1968	65.1 70.1	1	_	82.6 84.5	,	_	5
73 74	74. <del>6</del> 78.4	'		102.2		_	76.2 81.8	1969	74.3	: 1	_	87.4	_	_	5
/4	70.4	! –	_			_	01.0	4070	77.4	! !		00.4	İ		
75	85 9			98.7		_	84.8	1970 1971	77.1 81.4	• 1	_	90.4 91.2		_	7
78	93 3		_	97.3		_	90.8	1972	85.6	. 1		94.0	i	_	8
77 78	100.0 105.8		_	100.0		_	100.0 110.8	1973	88.4		_	98.3	1	_	8
79	1	:				_	122.2	1974	87.1	_	_	99.7	_	_	·   8
80	1181	:	_	112.8	1		133.2	1975	92.9		_	96.6	4	-	8
81 <sup>2</sup>	124 5	J	_	112.8				1976	95.6			97.8	ľ	_	1 8
	1273	1						1977 1978				100.0			10
	1	•	•	•	1		I	1979			_	111.3			10
lates of i															
lates of hange <sup>3</sup>	62		!	1.8	}: }:		. 8.1	1980.	94.0	-		¦ ↓ 115.3	1		10



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued [1977=100]

	Output	per emp	loyee hour	Er	nployee	hours			Output	pt_	yee hour	Er	nployee	hours	
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers <sup>1</sup>	All employ- ees	Pro- duction work- ers	Nonpro- duction vorkers i	Out- put	Year	Ali employ- ees	Pro- duction work- ers	Nonpro- duction workers <sup>1</sup>	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put
		Electric	utilities SIC	491, 49	3 part(	Continued				Retai	l food store	s 7 SIC	54Con	itinued	
Rates of change 3								1980 1981 <sup>2</sup>		1	_ _	105.9 106.3		<u> </u>	105.0
1958-81 1976-81	4.6 9		_	1.9 4.0	1	_	6.8 3.0	Rates of change <sup>3</sup>							
	) - · · · · · · · · · · · · · · · · · ·		Gas utilities	SIC 492	2, 493 pe	art	<u>.</u>	1958-81 1976-81	1.2	1	_	0.8 1.6		_	1.9
1958	55.7	_	_	97.2	_	_	54.1		h	Fran	nchised new	car des	lare SIC	5511	<b>1</b>
1960	62.3	_	_	99.8		_	82.2		ļ 				1010 010	,	·
1961 1962		_	_	99.9		_	64.5	1958	62.3	<u> </u>	<b>–</b>	84.1	_	i –	52.
1963	69.6 72.8	_	_	99.2 99.5			69.0 72.2	1060	74.5						
1964	77.7	_	_	99.5			77.3	1960 1961	71.5 68.1		_	88.0 82.4	_	_	62.9 56.
								1962	73.0		_	83.8	_		61.
956		_	-	100.6		_	80.1	1963	74.4	_	_	87.8		_	65.
1966 1967	84.5 88.8	_	_	100.8	<b>;</b>	_	85.2	1964	73.8	-	-	91.3	_	_	67.
968	94.1	_		100.7 100.9	_	_	89.2 94.9	1965	70.0			25.0			
969	100.3	_		101.5			101.8	1966	79.2 79.9			95.0 95.2			75. 76.
	_							1967	81.0	1 1	-	92.6	_	_	75.
1970	102.1	_	_	102.8	_	_	105.0	1968	85.5	_	_	94.5	_	_	80.
1971 1972	106.9 107.8	_	<b>-</b>	101.2 103.3	_	_	108.2 111.1	1969	85.8	-		96.9		_	83.
973	104.5	_	_	103.3	_	_	107.7	1970	86.1	_	_!	94.4			81.
974	102.0		_	103.2	_	_	105.3	1971	91.7		_	95.2		_	87.
								1972	94.9	[	-	99.9	_	_	94.6
1975	101.4	_	_	100.6		_	102.0	1973	96.3	-	-	102.7	-	-	98.9
1976 1977	103.5 100.0			98.9 100.0		_	102.4 100.0	1974	93.2	_	-	95.6		_	89.1
978	101.4		_	100.0		_	100.0	1975	95.0	_		92.5	_	_	87.9
979	103.4		_	103.3	_		106.8	1978	98.8		_	97.2	_	_	95.8
								1977	100.0	-	-	100.0	-	_	100.0
980	102.0	-	-	104.0	_	-	106.1	1978 1979	98.8	-	-	103.4		_	102.0
981	96.1	-	-	107.5	_	-	105.5	19/9	94.6			103.1	-		97.5
Raies of change 3								1980 1981 <sup>a</sup>	99.5 100.9		_	91.0 86.3	_		90.5 87.1
1958-81 1976-81	2.6 5		_	0.2 1.6	_	_	2.9 1.0	Rates of change <sup>3</sup>							
	ا		Retail food	stores	SIC 54			1958-81 1976-81	2.0 .2	_	_	0.8 2.5	-		26
958	73.8	_		92.8	_		68.5	1370-01				2.5			- 2.3
1960	79.3	-!		92.7	_		73.5			Gas	oline servic	e station	s 7 SIC	5541	
1961	82.4	-		91.4	_	-	75.3	1958	48.9			109.8			53.7
1962	83 5	'	-	92.1	-	-	76.9				ļ	, 55.5	ĺ		
1963 1964	87.6 89.5	' '		88.51 90.8			77.5 81.3	1960	51.9	-	-	111.7	¦		58.0
	00.0		-!	<b>5</b> 0.0	-	-	01.3	1961 1962	53.5	_	-	113.1	-:	-	60.5
1965	91.9	- <u>i</u>	-	91.7	_		84.3	1963	53.7 56.3	_		112.2 114.3		 	60.2 54.4
966	94 4			90.8	-	-	85.7	1964	57.2	_		116.8		— i	66.8
1967i	98 0	-;	_!	89 2		-	87.4		1	ļ			!		
1968  1969	103.0° 103.9°		!	89.8 89.9		_	91.5 93.4	1965 1966	59.2		-	119.0	-!		70.4
: · · · · · · · · · · · · · · · ·	, 55.5	<i>-</i>	i	00.0	-1	_	55.₹	1967	82 0 83.2			119.7, 119.3		_	74.2 75.4
970;		<b>—</b> ;	<u></u> į	90 2	!	-	99.0	1968	87 5	<u>-</u> ¦	_	120.8	_	_	
971	110 4	— <sub>1</sub>	-	91.0	-	-	100.5	1969	68.2	-	-[	122.8			83.7
972 973 , .	110.3 105.5	_:	-	92.5 93.9	-;		102.0 99.1	1970	75.3	ļ	į	440.0	:	1	
974	101.1		—;	96 1 <sub>1</sub>	_	_	97.2	1971		-:		119.8¦ 120.9	! :	'	90.2 93.9
•					;	ļ	I	1972	80.9			123.3;	_	—: :	
	100 7		_'	96 3	<b>-</b> .	_!	970	1973	<b>8</b> 6 6	'	<b></b> ;	117.2	-	_;	101 5
975															
97 <b>8</b>	102 <b>0</b>		_	98 8			100 8	1974	873	_		103.8			90 8
		- - -	_ _	98 8 100 0 104 9			100 8 100 0 100 1	1974	873 856	_		103.8			90 8

Table 98. indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

[1977 = 100]

	Output	per emp	layee hour	Er	nployee	hours	į .		Output	per emp	loyee hour	Er	nployee	hours	1
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ail employ-	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Ou pu
		asoline	service sta	tions 7 S	IC 5541-	-Continued			Dr	ug and p	proprietary (	itores 7 (	BIC 5912	Continue	rd
377	100.0	_	_	100.0	_	_	100.0	1975	94.2		_	103.7	_	l _	9
78	102.8			98.3		_	101.1	1976	97.1	_		102.4		l –	. 9
79	106.8		_	88.4			94.4	1977	100.0		_	100.0	1	i —	10
	1	1		1				1978	102.1	-	_	99.8	d -	_	- 10
80		-	i –	85.6		_	89.1	1979	102.7	-	_	102.0	-		- 10
81 *	105.4	-	i –	82.7	-		87.2			1				ĺ	١
ates of			i i					1980 1981 <sup>2</sup>	105.3 102.5		_	98.9 99.6		_	10
hange <sup>3</sup>			,				l	1961	102.5	_	_	55.0	-	_	10
58-81	3.8	_	_	1.0	_		2.7	Rates of							
76-81			_	-4.7	_	_	2.7	change <sup>3</sup>	j						
		L	L	<u> </u>	<u> </u>	L	<u> </u>	1958-81	4.2	-	_	-0.1	-	-	·
	] :	Ea	ting and dri	nking pla	ices 7 Si	C 58		1976-81	1.2	_		4	-	_	1
58	89.5	<u> </u>	_	62.9	_	_	56.3				Commercia	ıl bankin	g SIC 60	2	
30	88.1	_	_	66.2	_	_	58.3		<u> </u>		-	· .			τ-
61		_	l –	65.6		_	50.2	1967		-	_	62.3		_	5
62	89.3	-	<u> </u>	67.2		_	60.0	1968 1969	85.3 84.0	_		66.0 71.4	1 1	_	
83	91.8		<u> </u>	67.0	1		61.5	1909	0=.0	_	_	/ 1. <b>-</b>	-	i -	'
64	90.9	i –	<b>-</b>	70.6		_	64.2	1970	85.5	_	_	75.4	_	ı –	. (
65	93.7	! _	_	72.6			68.0	1971	88.0		_	78.0		ı –	. (
66	94.6	1		74.2		_		1972	90.3	_		82.3	, ,	_	7
67		1	_	73.2		_	71.4	1973	95.9	_	_	86.8		_	. 8
68	99.7	l –	_	75.7		_	75.5	1974	89.8		_	92.3	_	_	۱ ا
69	97.8	-	-	77.9	-	_	76.2	1975	90.0	•	_	94.0	_	_	. 6
		1						1976	95.0	_		96.6	1 1		
70 71	101.0 98.3	i	_	78.5 81.3			79.3 79.9	1977	100.0	_	_	100.0	2 1	_	10
72		1	_	82.7		_	84.6	1978	100.7	_		104.7		<b>,</b> –	10
73	103.6	<u> </u>	_	86.0		_	89.1	1979		_	_	109.7		_	10
74	99.1	t .		88.8	: 1	_	88.0	1980 3	92.7		_	114.5	-	_	10
		ĺ						Rates of							
75 78			-	91.1 95.8		_	92.0 97.1	change <sup>5</sup>							
77			1	100.0		_	100.0	1967-80	1.3		_	4.6	-	_	1
78		1	_	105.1		_	102.7	1976-80	6	-	_	4.4	-	_	
79	96.0		_	108.5						••••		•			
80	94.6	! 	_	108.4			102.5			Hotels,	moteis, and	tourist	courts * S	SIC 7011	
81 2			_	111.1	1 1	_	103.1	1958	63.7	_	_	75.0		_	. 4
lates of	İ							1	ĺ						
hange 3	1	!	į	1				1960	66.0	_	_	78.3		_	5
58-81	0.5	<u> </u>	_	2.6	_	_	3.1	1961 1962	63.9 68.3	_	_	78.2 78.5		_	1
76-81				2.9		_	1.1	1963	71.5		_	78.6	1 1	_	
			L	<b></b>	لـــــــــــــــــــــــــــــــــــــ	5040		1964	71.7	_	_	80.7			
58	45.6	r	and propri	96.9			44.2	1965 1966	77.1	_	_	82.2			1 '
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	; 45.0 !	_	_	30.8	_	-	77.2	1967	77.3 62.9		_	83.6 63.8		_	. 6
960	49.1	ļ <u>.</u>	<u> </u>	101.5		_	49.8	1968	80.3			85.6		_	è
961	50.8	<u> </u>		101.0		_	51.3	1969	81.1	_	_	87.1	-	<b>-</b>	7
62	: 51.8 , 54.3		_	104.6		-	54.2 55.0	1070				00.5		1	_
63 64	56 4			103.0		_	55.9 58.1	1970 1971	85 1 76.2	_	_	86.5	, ,	_	7   e
<b>♥</b> 7	304	!		103.1	-		30.1	1971	90.2		_ _	67.1 90.0	. ,	_	. 8
<b>65</b>	59 9		<u> </u>	103.5	_	_	62.0	1973	92.1			94.4	t I	_	Ε ξ
66	62 3		<del></del>	105.7		_	65.9	1974	89.2		_	96.3		_	8
	670					-	70.0	4075						, ,	
	730	•		·		_	75.4 78.4	1975	89.7 95.7		•	96.1		_	8
968	, 70 C	. –	:	102.3	· -		/0.4	1975	100 0			98.9 100 0		_	10
968	' 78 6					!	040			l,			1 1		
968 969	78 6 83 4	: : —	_	100.9	-	_	84.2	1978	103.1	!		103.4	!!		1 10
968 969 970 971	83 4 85 0			100.2	-	<b>-</b>	85.2	1978	103.1		_	111.7		_	10
967 968 969 970 971	83 4 85 0 88 3		;	100.2 101.1		_ _	85.2 89.3	1979	102.4			111.7	-  !		11
968 969 970 971	83 4 85 0		;	100.2	_	- -	85.2 89.3						_		



Table 98. Indexes of output per employee hour, employee hours, and output, for selected industries, selected years, 1947-81—Continued

[1977:= 100]

	Output	per emp	loyee hour	Er	nployee	hours			Output	per emp	loyee hour	Er	nployee	hours	]
Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers <sup>1</sup>	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put	Year	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	All employ- ees	Pro- duction work- ers	Nonpro- duction workers 1	Out- put
	Hotel	s, motel	s, and tour	st court	SIC 70	11—Continu	ued		Lau	indry and	d cleaning s	services 1	SIC 72	1—Continue	ad
Rates of change 3							1	1970		1	_	148.9		_	142.
1958-81	2.1	! _		1.8	-		4.0	1971 1972	97.5 99.8	1	_	133.8 129.8	1	_	130. 129.
1976-81	6	i –	<u> </u>	3.7	'l –	-	3.1	1973		1		123.2	,	_	122
		Laun	dry and cle	aning se	rvices 7 S	SIC 721		1974		1 :	_	112.9		_	111
1050		.[		173.6	T	Ι	139.8	1975			_	107.4	–	_	104
1958	80.5	-	_	. 1/3.0	, –	1 -	135.0	1976	97.4		_	102.4	1 .	_	99.
1960	79.3	d _	.  _	174.1	ıl _	_	138.1	1977		1	_	100.0	1		100
1961			.	172.4	1	_	143.8	1978 1979		i	_	99.7 102.1	_		100
1962			-	- 173.1	ıl –	_	144.3	1979	94.0	-	_	102.1	-		96.
1963		-		- 180.5	5  <b>-</b> -	-	1	1980	87.7	_		104.5	_	_	91.
1964	89.0	-	-	177.0	) -	-	157.5	1981 2		1	<del>-</del>	100.1		_	85.
1965		1	.  -	1	1	.	151.9	Rates of							
1966			-	1	1	1		change 3		•		-			1
1967		•	·  -	1	- 1	1	1	<b>}</b> ]							_
1968 1969			-	- 161.4 - 157.7		·  -	- 159.4 - 153.2	1958-81 1976-81	1	1		-3.1	-		−2.   −3.

<sup>\*</sup>Indexes and rates of change for nonproduction workers are subject to a wider margin of error than are the other rates shown.

<sup>7</sup>Employees include paid employees, unpaid family workers, and the self-employed.

\*Employees include paid employees and the self-employed.

NOTE: Historical data extending back to 1954 are available in BLS Bulletin 2155, *Productivity Measure for Selected Industries, 1954-81*. This bulletin also includes notes which describe the sources from which the data were compiled. Complete historical data (beginning in 1939 for some industries), along with more detailed descriptions of methods and procedures used in calculating the output per hour series, are available upon request from the Bureau of Labor Statistics, Office of Productivity and Technology, Division of Industry Productivity and Technology Studies.



<sup>&</sup>lt;sup>2</sup> Preliminary

<sup>&</sup>lt;sup>3</sup> Average annual percent change is based on the linear-least-squares trends of the logarithms of the index numbers.

<sup>\*</sup>Less than 0.05 percent.

<sup>&</sup>lt;sup>5</sup> Employee hour data not available. Output per employee hour represents output per employee; employee hours represent number of employees.

<sup>\*</sup>Production workers represent nonsupervisory workers.

Table 99. Functional and summary indexes of output per employee year for the measured portion of the Federal civilian government, fiscal years, 1971-81

[1977 = 100]

					Fi	scal yea	ır <b>s</b>					Average annual
Functional grouping	1971	1972	1973	1974	1975	1978	1977	1978	1979	1980	1981	rates for 1 fiscal years 1967-81
Total	91.4	92.0	94.6	94.1	95.5	97.1	100.0	101.8	102.6	104.8	107.4	1.5
Audit of operations	79.0	83.3	89.2	94.7	99.2	97.1	100.0	105.7	102.1	100.4	98.5	1.8
Buildings and grounds maintenance		79.0	77.0	80.9	91.7	94.1	100.0	102.6	109.0	109.7	122.1	3.3
Communications *		-	70.0	74.8	82.5	88.1	100.0	111.1	112.8	145.0	178.4	11.6
Education and training 3		86.9	84.9	83.5	81.0	88.5	100.0	100.0	106.4	107.1	117.7	2.0
Electric power production and distribution		114.1	112.6	110.3	108.2	104.1	100.0	103.7	93.5	95.8	91.6	-0.3
Equipment maintenance 3		103.9	98.4	100.7	101.1	101.6	100.0	104.1	105.1	106.3	109.2	0.7
Finance and accounting	84.9	83.5	82.5	85.3	92.8	98.7	100.0	101.9	104.7	103.9	107.8	2.5
		94.4	98.8	101.3	91.2	94.2	100.0	103.1	108.8	113.3	128.7	4.0
General support services		102.6	95.5	98.3	103.4	100.9	100.0	101.5	103.7	103.8	105.9	0.5
Information services		102.0	33.5	00.0	100.4							
Legal and judicial activities	115.1	117.1	114.0	105.2	106.4	104.3	100.0	96.8	102.0	101.3	101.7	-0.4
Library services		65.9	89.4	74.4	83.5	92.7	100.0	95.9	99.9	105.8	110.7	5.2
Loans and grants		84.9	86.0	87.5	91.1	95.8	100.0	98.8	107.8	113.4	120.5	4.2
Medical services		93.9	96.9	96.7	98.5	100.1	100.0	98.7	98.8	101.2	102.2	0.1
Military base services		94.7	89.5	90.8	95.7	99.9	100.0	100.4	101.5	101.5	103.7	0.1
Natural resources and environmental management		99.4	101.2	99.9	98.5	99.9	100.0	105.1	102.2	102.0	103.3	1.0
Personnel investigations	1	77.4	80.3	82.8	87.8	83.4	100.0	103.3	108.9	107.9	109.9	3.8
Personnel management		94.9	93.4	99.9	95.2	93.1	100.0	96.6	108.8	99.9	97.2	1.6
Postal service		92.8	98.2	95.6	95.5	95.9	100.0	103.2	101.9	105.3	106.3	1.3
Printing and duplication		100.8	103.1	99.5	98.4	100.4	100.0	97.8	103.7	108.3	102.4	-0.8
Procurement	84.5	84.9	87.7	93.3	95.9	99.4	100.0	108.8	115.4	120.5	127.2	3.0
Records management		83.2	82.2	80.2	88.9	94.0	100.0	103.7	110.0	111.6	113.8	3.5
		92.6	95.0	95.9	95.1	98.0	100.0	101.8	104.6	107.8	112.5	2.1
Regulation—compliance and enforcement		J 52.0	55.5		]	55.15		1			j	ĺ
Regulation—rulemaking and licensing	91.9	92.8	95.6	93.6	93.5	94.4	100.0	93.5	96.2	110.0	,	2.3
Social services and benefits	86.0	87.5	91.3	89.7	92.2	96.1	100.0	99.4	102.5	101.0	102.2	2.4
Specialized manufacturing		96.6	94.8	94.3	93.5	97.8	100.0	106.0	1	119.6	141.8	3.0
Supply and inventory control		86.2	86.8	86.8	94.2	96.1	100.0	96.7	95.1	97.3	98.3	1.6
Traffic management 4		97.2	96.8	89.8	96.3	93.8	100.0	106.2	115.3	115.0	124.8	3.1
Transportation		85.9	90.1	91.3	92.9	94.6	100.0	105.3	108.8	109.2	113.6	2.9
I I G ( I approx lastro / I )			1			1		J		<u> </u>	l	<u> </u>

<sup>&</sup>lt;sup>1</sup>Average annual percent change based on linear-least-squares trend of the logarithms of the index numbers.

Fiscal years 1973-81.



<sup>&</sup>lt;sup>3</sup> Fiscal years 1968-81.

<sup>\*</sup>Fiscal years 1972-81.

# **Technical Notes**

# **Compensation Studies**

## Occupational Pay Levels and Trends

(Covers tables 100-105)

Area wage surveys are conducted in 70 metropolitan areas, with data on occupational earnings produced annually and related benefits information produced every third year. In addition to area reports, earnings data are also weighted to produce national and regional estimates of occupational earnings and wage trends. Average straight-time earnings information for selected plant and office occupations in all metropolitan areas combined is presented in tables 100 and 101. Information on percent increases in average hourly earnings of selected occupational groups in individual metropolitan areas is presented in table 102. Interarea pay comparisons for occupational groups in individual areas are presented in table 103.

National survey of professional, administrative, technical, and clerical pay (PATC) provides salary levels and distributions annually for two dozen white-collar occupations spanning about 100 work levels. The fields studied include accounting, legal services, personnel management, engineering and chemistry, computer processing, purchasing, drafting, photography, and clerical. The survey scope covers the private sector in all major industry divisions, except agriculture, and includes establishments with, at a minimum, 50, 100, or 250 employees, depending on the industry. By design, the survey definitions provide information in a form suitable for use in comparing the pay of salaried employees in the Federal civil service with pay in private industry.

Average straight-time salaries for selected professional, administrative, and technical occupations included in the PATC survey are presented in table 104 for the years 1961 to 1982.

Industry wage surveys cover about 40 studies—25 in manufacturing and 15 in nonmanufacturing industries—conducted on a recurring 4- or 5-year cycle. The studies provide information on straight-time earnings for selected occupations chosen to represent the skills, produce processes, and wage structure of the industry and on such establishment practices and related pay provisions as weekly work schedules; shift

operations and differentials; the prevalence of paid holidays and vacations; health, insurance, and pension benefits; and other provisions important in the industry. Data for most nonmanufacturing surveys are limited to areas of industry concentration, while manufacturing surveys generally include nationwide and regional data. This program is represented by table 105, which provides a trend index of occupational earnings in the nonelectrical machinery industries.

#### **Definitions**

Straight-time earnings (area wage surveys, white-collar salary survey, and industry wage surveys) relate to the regular day-shift wages or salaries paid per hour worked or standard workweek, exclusive of premium pay for overtime and for work on weekends, holidays, and late shifts. Incentive pay, production bonuses, and cost-of-living payments are included in earnings, but nonproduction bonuses (e.g., Christmas bonuses) are not. Straight-time earnings thus are reflected in the index measures and interarea pay comparisons.

Regions (area wage surveys and industry wage surveys), unless otherwise indicated, are defined as follows: Northeast—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; South—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; North Central—Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; West—Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

# Negotiated Wage and Compensation Changes

(Covers table 106-108)

Statistics on negotiated wage changes in major collective bargaining units (those covering 1,000 workers



or more) date back to 1954. The series is confined to production and related workers in manufacturing and to nonsupervisory employees in nonmanufacturing. Government employees and farm workers are excluded. These data measure wage decisions specified in the bargaining settlements reached during a particular time period (e.g., quarter or year), and include increases, decreases, and settlements providing no wage change. The data exclude wage changes that may occur under cost-of-living adjustment (COLA) clauses which link the size of future wage adjustments to changes in the Consumer Price Index. Both the changes scheduled during the first 12 months of the contract (first-year changes) and the total of wage changes scheduled over the life of the contract, expressed as an annual rate, are presented. Data also are included for all wage changes effective in the period stemming from current settlements and also from deferred waze changes specified in earlier settlements and from COLA adjustments. Contracts providing no wage adjustments during the period also are taken into account.

Estimates of compensation adjustments (wages and benefits combined) negotiated in major collective bargaining settlements cover bargaining units of 5,000 workers or more. These measures were first made in 1965 for units of 10,000 workers or more; the smaller units were introduced the following year.

## **Employment Cost Index**

(Covers table 109)

The Employment Cost Index (ECI) measures the quarterly change in the price of labor, free from the influence of employment shifts among occupations and industries. Employer costs for employee benefits, as well as wages and salaries, are covered by the ECI. The wage and salary data are limited to changes in

those rates, defined as straight-time average hourly earnings. Straight-time earnings are total earnings before payroll deductions, excluding premium pay for overtime, work on weekends and holidays, and shift differentials. Production bonuses, incentive earnings, commission payments, and cost-of-living adjustments are included in straight-time earnings, whereas non-production bonuses (such as Christmas or year-end bonuses) are excluded. Also excluded are such items as payments in kind, free room and board, and tips.

Employee benefits covered by the ECI include: Hours-related benefits-premium pay for overtime and work on weekends and holidays, paid holidays, paid vacations, paid sick leave, and other paid leave; supplemental pay-shift differentials, nonproduction bonuses, severance pay, and supplemental unemployment plans; insurance benefits—life, health, and sickness and accident insurance; retirement and savings benefits—pension and other retirement plans and savings and thrift plans; legally required benefits—social security, railroad retirement and supplemental retirement, railroad unemployment insurance, Federal and State unemployment insurance, workers' compensation, and other legally required benefits, such as State temporary disability insurance; and other benefitsmerchandise discounts in department stores.

Data are collected from a sample of establishments and occupations in the public and private sectors, weighted to represent the universe of occupations in those sectors. Farms and households are excluded from the data for the total private economy. The public sector covers State and local governments, but excludes the Federa! Government. Quarterly reports are issued in the months of March, June, September, and December. For a detailed description of the ECI, see chapter 2, "Employment Cost Index," of the BLS Handbook of Methods, Bulletin 2134-1 (1982).



Table 100. Average earnings <sup>1</sup> for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-81

Item		rkers .	Wor	nen			<del></del>	Men		T	
Item	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipp, packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck- drivers	Mainte- nance trades helpers	Electricians	Mechani (motor vehicles
ALL INDUSTRIES											
Il metropolitan areas	1		ļ	1							
67	\$2.03	\$ 4	\$1.79	\$2.04	\$2.10	\$2.46	\$2.55	\$3.05	\$2.78	\$3.81	\$3.
68 69	2.13 2.27	2.60	1.91 2.03	2.18 2.32	2.19	2.60 2.73	2.68	3.23	2.86	3.60	3. 3.
70	2.38	2.78	2.13	2.48	2.34 2.46	2.90	2.83 3.01	3.41 3. <b>6</b> 2	3.03 3.21	4.05 4.30	3. 4.
71	2.52	2.98	2.23	2.60	2.61	3.13	3.27	4.01	3.43	4.60	4.
72 73	269	3.19	2.42	2.75	2.79	3.37	3.53	4.46	3.78	4.96	4.
73 74	2.83 3.01	3.35 3.57	2.55 2.71	2. <b>92</b> 3.11	2.94 3.13	3.56 3.61	3.77 4.05	4.82 5.17	4.00 4.36	5.24 5.64	5.
75	3.33	3.98	3.07	3.44	3.52	4.29	4.53	5.86	4.98	6.44	5 6
76	3.70	4.30	3.39	3.73	3.84	4.63	4.94	6.16	5.40	7.01	ě
77 78	3.90 4.16	4.66 5.04	3.50 3.75	4.07 4.42	4.06 4.33	4.96	5.44	6.67	5.88	7.68	7
79	4.49	5.45	4.06	4.76	4.67	5.37 5.81	5.88 6.50	7.25 7.88	6.36 7.02	8.31 9.18	8 8
80	4.87	5.86	4.41	5.04	5.07	6.37	7.10	8.71	7.73	10.14	Š
81	5.23	6.44	4.70	5.53	5.45	6.98	7.72	9.40	8.41	11.18	10
Northeast		ŀ									
37	2.07	2.26	1.88	1.91	2.13	2.38	2.59	3.22	2.74	3,48	3
58 59	2.16 2.31	2.37 2.49	1.97 2.13	2.06   2.16	2.23 2.38	2.46	2.70	3.37	2.81	3.81	33
0	2.47	2.66	2.13	2.16	2.38	2.60 2.76	2.87 3.04	3.56 3.78	3.01 3.16	3.82 4.04	3
'1	2.63	2.83	2.39	2.44	2.72	2.98	3.32	4.18	3.35	4.33	
2	2.90	2.98	2.74	2.52	2.97	3.15	3.60	4.73	3.72	4.65	4
4	3.10 3.30	3.18 3.37	2.96 3.20	2.77 2.91	3.15 3.35	3. <b>3</b> 6   3. <b>6</b> 0	3.82 4.06	5.12 5.46	4.02 4.40	4.96 5.29	
5	3.75	3.68	3.63	3.14	3.60	3.99	4.48	5.85	4.91	6.01	
6	4.12	3.90	4.10	3.25	4.13	4.29	4.90	6.38	5.32	6.56	6
77	4.34	4.30 4.60	4.27	3.60	4.34	4.65	5.29	8.82	5.56	7.13	7
9	4.57 4.89	4.60 5.01	4.49 4.79	4.15 4.52	4.56 4.94	4.79 5.22	5.72 6.40	7.44 7.96	6.04 6.66	7.77 8.47	7
Ю	5.26	5.48	5.06	4.75	5 35	5.77	6.95	8.78	7.39	9.30	·
1	5.52	5.95	5.28	4.96	5.64	6.43	7.51	9.48	8.36	10.23	10
South			,					ļ			
7	1.61	1.94	1.44	1.79	1.65	2.03	2.01	2.49	2.61	3.47	3.
38	1.74	2.05	1.60	1.86	1.77	2.16	2.15	2.65	2.74	3.81	3.
70	1.86 1.93	2.20	1.71	1.98	1.90	2.30	2.25	2.82	2.79	3.83	3
71	1.99	2.35 2.56	1.74 1.79	2.10 2.01	1.98 2.06	2.46 2.87	2.38 2.54	3.00 3.31	3.00   3.25	4.05 4.31	3. 3.
2	2.10	2.70	1.88	2.45	2.16	2.83	2.72	3.61	3.52	4.61	4
73	2.18	2.78	1 92	2.49	2.28	2.96	2.91	3.87	3.70	4.89	4
74	2.30 2.63	2.96 3.46	2.03 2.37	2. <b>6</b> 7   3.12	2.42	3.19 3.73	3.15 3.70	4.17	3.99	5.23 5.96	5
8	2.87	3.76	2.58	3.12	2.75 3.00	4.03	3.99	4. <b>69</b> 5:0 <b>6</b>	4.59 4.95	8.50	5 6
7	2.97	3.99	2.67	3.65	3.14	4.22	4.34	5,46	5.62	7.13	ě
78	3.25	4.33	2.94	3.84	3.43	4.81	4.73	5.94	5.97	7.68	7
9	3.49 3.81	4.54 5.08	3.18 3.47	3.81 4.28	3.67 4.02	5.01 5.58	5.11 5.59	6.46 7.22	6.36 7.13	8.32 9.43	7
11	4.13	5.31	3.77	4.73	4.35	5.65	6,19	7.94	7.13	10.51	ş
North Central			5.7.7			****	•			10.01	•
7	2.20	2.51	1.86	2.18	2.30	2.67	2.73	3.21	2.65	3.73	3
8	2.30	2.68	1.98	2.33	2.40	2.84	2.89	3.43	2.97	3.97	ž
9	2.44	2.63	2.07	2.52	2.55	2.96	3.08	3.63	3.18	4.24	3
0	2.59 2.76	3.02 3.27	2.22 2.35	2.68 2.83	2.70 2.90	3.18	3.27 3.60	3.87	3.36	4.50	4
2	2.95	3.52	2.49	3 02	3.10	3.45 3.72	3.92	4.34 4.83	3.60 3.96	4.84   5.24	5
3	3.08	3.70	2.60	3.21	3.25	3.92	4.18	5.27	4.20	5.52	5
5	3.33 3.72	3.98	2.86	3.52	3.49	4.19	4.48	5.66	4.59	5.96	5
6	4.02	4.45 4.89	3.21 3.47	3.66 4.30	3.90 4.29	4.77 5 19	5.00 5.50	6.14 8.67	5.30 5.77	8.80 7.41	6 7
7	4.30	5.24	- J	4.59	4.62	5.59	8.14	7.2.	6,25	8.12	7
<u>'8</u>	4.66	5.72	4.04	5.01	4.93	6.10	6.80	7.94	6.86	8.82	8.
9	5.05	6.26 6.54	-1	5.56	5.36	8.58	7.56	8.78	7.73	9.78	9.
1 ,	5.53 5.98	7.37	5.21	5.71 6.29	5.78 6.21	7.19 6.09	6.27 9.08	9.80 10.49	8.28 9.26	10.77 11.88	10. 11.
í	5.00	7.07	5.2.	0.25	<b>V.2</b> 1	0.05	5.00	10.40	0.20	11.00	
West						!		[			_
8	2 26	2.57 2.65	2.04 2.12	2.21 2.35	2.30	2.69	2.91	3.37	2.93	3.77	3
9	2 45	2.80	2.25	2.55	2.35 2.49	2.87 2.95	3.05 3.18	3.53 3.70	2.95 3.23	3.97 4.24	3 4
0	261	2.92	2,41	2.63	2.64	3.96	3.37	3.90	3.41	4.52	4.
1	2 68	3.13	2.43	2.70	2.72	3.30	3.71	4.36	3.58	4.83	4.
2	2.81 2.96	3.42   3.45	2.50 2.65	3.06   3.10	2.88	3.56	4.05	4.81	3.68	5.16	5.
4	3 14	3.55	2.76	3.10	3.03 3.22	3.61 3.60	4.39 4.73	5.17 5.55	4.10   4.47	5.42 5.84	5. 6.
5	3 55	4 07		3.72	3.69	4.17	5.04	6.24	5.04	6.81	6.
6	3 90	4.14	-	3.66	3.95	4.28	5.46	6.77	5.40	7.37	7.
7	4 17 4 43	4.47	4 14	3.95	4.21	4.56	5.96	7.38	6.05	8.09	₿.
H .			7 17	3.93	4.49	5.31	5.95	7.91	6.63	8.66	8.
9	4 84 5 26	5 08	- 1	4.34	4 93	5.68	6.52	8.59	7.15	9.57	9.



Table 100. Average earnings <sup>1</sup> for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967–81—Continued

: :		orkers	Won	nen .				Men		•	
Item	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, i and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck- drivers	Mainte- nance trades helpers	Electricians	Mechanics (motor vehicles)
MANUFACTURING All metropolitan areas	•				į						_
1967	\$2.35 1 2.47	\$2.37 2.47	\$2 15 ° 2 26	\$2 07 2 20	\$2 37 2 49	\$2 50 2 62	\$2 47 2 60	\$2 98 3 11	\$2 77 2 87		\$3 32 3 47
1969	2 62 2 78			2 37 2 51	2 64 2 80	2.76	2 76 2 93	3 31 3 50	3 04 3 22	4 03	3 69 3 95
1970 1971	2 99	2 99	2 78 2 78 2 99	2 63 2 79	3 01 3 25 ;	3.14 3.38	3 14 3 38	3.79   4.15	3 4 1 3 7 7	4 57	4 24 4 61
1972	3 23	3 21 3 39 3 61	3 17	2 95 3 13	3 47 3 74	3.58 3.84	3 58 3 84	4 39 4 72	4 02 4 39		4 89 5 27
1974	3 71 4 20	4.06	3 94	3 52 ' 3 78	4 24 j 4 62		4.30	5.25 5.66	5 0 7	6 40	6 01 6 47
1976	4 58 5 00	4 36 4 73	4 26 · 4 65	4 19	5 05   5 44			6.14 6.59	5 97 6 52	7 84	. 7 05 7 65
1978	5 40 5 96	5 06 5 5 51	5 10 5 80	4 50 4 91 <sub>1</sub>	5 96	5 75	5 90	7.23 7.88	7 29 8.03	9 19	8 54 9 34
1980	.i 6 55 7 16	5 89 6 <b>6</b> 0	638			6 30 7.05	6 47 7 00	6.57	8.73		10.26
Northeast	: 227	: 229 ·	2 14 '	1 94	2 28	£ 39	2 46	3 18	2 73	3 45	3 33
967	; 2 37	2 40	2 23	2 07	2 38	2 49	2 57	3 34 3 55	2 80 3 01	3 59 3 79	3 45 3 62
969 970	2.51		2 46	2 34 '	2 67	2.76	2 92 3 13	3 69 4 06	3 14 3 31	4 00 4 28	3 93 4.23
971 972 .	2 86	3 03	2 64 2 85	2 49 2 60	2 88 3 13	3 18	3.38	4.51 4.70	3.69 3.97	4 60	4 62 4 90
973 974	3 31 3 56	3 43	3 07 3 36	297	3 33 3 58	3.70	3 56 3.74	5 0 2	4 37	5 21	5 21 5 81
975	4 00 4 37	4 02	3 83 4 21	3 35	4 02 4 38	4.09 4.37	4 14 4 52	5 37 5 79	4,91 5.31	6 4 7	6 31 6 85
977 978,	4 75	4 47 4 74	5 07		4 76 5 02	4.79 4.95	4 77 5.06	6.19 6.62	5 60 6.10	7 70	7 48
	5 53 .i 6 09		5 77 6 16	4 62 5 00	5.47 6 05	5 39 5 89	5 40 1 5 90 1	7 24 7,77 8 52	6 71 7 56 8.46	9 27	8 12 8 82 9 70
981 South	. 661 !	6.36	6 66 1	5 40	6 57	6.72	6,51	0 52	0,40	1022	
967	1 98 1 2 08		1 75 I 1 88 -		2 00 2 10	2.09 2.22		2.33 2.42	2.67 2.79	3 48 3 80	2 87 3.00
969 970	2 22 2 34	2 19	2 03		2.24	2.35 2.50	2.28 2.43	2 56 2.74	2.81 3.06	3 83 4 05	3.20 3.37
971 972	2 49	2 56	2.18 2.35	2 23	2.53	2.70 2.88		2 97 3 1 <b>8</b>	3,28 3,59	4 29 4 59	1 3 60 1 3.86
973 974	! 288 309			2 52 2 72	2.93 3 14	3 06	2.95 3.18	3.35 3.63	3 79 4.12	4 86 5.22	4 15
975	: 3 60 : 3 94	3 43 3 78	3 35	3 09 3 50	3 65 3 98	3.72 4.01	3.74 4.05	4.06 4.33	4 88 5.22	5 97 6.48	
976 977	4 27	3 94	3 92 4 26	3 67		4 13	4.37	4 69 5 08	5.90 6.47	7 10 7 66	5 86 6 32
978	4 63 5 00 5 56	4 40	4 63	3 93 4 38	5 05	4 65 5 33	5.15 5.68	5 50 6,12	7 01 7 74	8 33 9 46	6.93
980 1981	6 16		589		6 20	5 50	6.29	6.60	8,42	10 53	8 62 i
North Central	1 2 52	2 56	2.30	2 27	2 54	! ! 270		3 08	285	3 71	; ; 3,45
1968 1969	2 67 2 85	2 70	2 41 2 57	2 41 2 63	2 69 2 86	2 87 3 00	2.81 3.01	3 23 3.46	2.96 3.17	3 96 4 22	3 68 3.95
970 971	3 01 3 26	3 0 7	2 78	2 78 2 92	3 03 3 28	3 21 3 46	3 41	3 69 4 01	3.35 3,58 3.97	4 47	
1972 1973	3 52 3 76	3 55	3 32 3 49	3 07 3 29		3 74 3 92	3 90	4.39 4.69	4.18	5 19 5 48	. 5 21
1974 1975	4 07	4 03	3 83	3 62	4 10	4 18	4.22	5.0 <b>6</b> 5,62	4.55 5.32	5.92 6.77	5 61 : 6 43
1976 1977	5 05 5 54	5 02	4 69	4 38		. 5 31	5.19	6 07 <b>6</b> 67	5 79 6 27	7 37	6 97 7 74
1978 1979	6 05 6 76	5 80	5 65	5 08		6 12	6 24	7.25 8.05	6 92 7 92	8 82 9 79	8 38 9 46
1980 1981	7 47 8 21	6 62	. =	5 70 6 35	7 48	, 7 33	7 55	8.71	8 49 9.49	10 79 11 92	
West							0.70	2.00	2 93	3 74	i 3 64
1967 1968	2 53 2 65	2 5 1		2 17 2 30	2 66	2 58 2 78	2 85	3 38 3 53 3 72	2 93 2 94 3 25	3 93	
1969 1970	2 80 2 95	281	2 93	2 54 2 55 2 60	2 80 2 95 3 20	2 87 2 97 3 14	3 18	398	3 42	4 48 4 79	4 29 4 60
1971 1972	3 20 3 34	3 23	3 22 3 40	2 60 3 01	3 34	3 32	j 367	4 74	3.55 3.84 4.13	, 5 10	5 12 5 47
1973 1974	3 53 3 75	3 06	3 51 3 76	2 81 2 80		3 32 3 28	4 04	5 37	4 52		5 83 6 55
1975 1976	4 22 4 60	3 82	4 30 4 65	3 94 3 42	4 60		4 90	6 63	5 37	7 27	7 05
1977 1978	4 98 5 38	4 11	5 18 —	4 05 3 97	4 96 5 3€	4 12	4 83	774	6 07 6 70	8 54	
1979 1980	5 82 6 39	4 46 4 75		4 33 4 40			6 36	9 09	7 23 8 18	10 39	. 10 08
1981	691		_	5 49	6 85	6 31	. 6 55	983	i 797	11 77	10 92



Table 100. Average earnings <sup>1</sup> for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-81—Continued

	All wo	orkers	Won	nen	<del></del> -			Men			
Item	Janitors, porters, and cleaners	Shipping nackers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck- drivers	Mainte- nance trades helpers	Electricians	Mechanics (motor vehicles)
NONMANUFACTURING		1	į	-	i						
All metropolitan ereas 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981	\$1 83 1 93 2.07 2 20 2.30 2 46 2 59 2 74 3 09 3 38 3 51 3 74 4.00 4 34 4.64	2 41	\$1 73 1 85 1 96 2 07 2 16 2 35 2 48 2 62 2 96 3 27 3 33 3 355 3 80 4 4 39	\$1 91 2 09 2 18 2 36 2 54 2 67 2 85 3 09 3 32 3 63 3 84 4 28 4 50 4 4 91	\$1 87 1 97 2 12 2 25 2 36 2 52 2 65 2 81 3 16 3 3 46 3 3 81 4 11 4 4 77	2 67 <sup>1</sup>	\$2 64 2 77 2 92 3 09 3 41 3 71 3 99 4 31 4 82 5 25 5 88 6 45 7 20 7 85 6 51	\$3 08 3 27 3 44 3 66 4 08 4 .55 4 .95 5 .31 5 82 6 .33 6 .84 7 46 8 .10 9 .01 9 .69	\$2 69 2 83 2 97 2 17 3 47 3 74 4 25 4 69 5 15 5 57 5 92 6.19	\$3 73 3 93 4 20 4 49 4 85 5 56 5 56 5 95 6.72 7.33 7 97 8 49 9.12 9 97 10.88	\$3 38 3 57 3 79 4 03 4 43 4 91 5 34 5 79 8 44 6 97 7 7 59 8 16 8 93 9 84 10.69
Northeast	1 96	2.17	1 64	1 64	2 03	! 2 27 !	2 73	3 23	2 77	3 57	3.33
1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1978 1979 1980	2.06	2.28 2.41 2.63 2.76 2.81 2.95 3.08 3.27 3.53 3.76 4.14 4.46	1 94   2.10   2.23   2.37   2.73   2.97   3.19   3.62   4.08   4.24   4.42   4.65	2 04 2.10 2.27 2.35 2.34 2.53 2.72 2.81 3 03 3 20 4.00 4.28 4 04 4.21	2 13   2 29   2 48   2 64   3 24   3 71   4 02   4 16   4 38   4 72   5 06   5 26	2.36 2.52 2.74 2.93 3.04 3.18 3.28 3.364 4.17 4.23 4.58 5.13	2 84 3 03 3 20 3 55 3 .86 4 17 4 .54 4 .54 5 .87 6 60 7 75 8 39 8 73	3 28 3 36 3 80 4 22 4 81 5.25 5 61 6.00 8.57 7.03 7.72 8.23 9.20	2 77 2.85 3.01 3 25 3.52 4 18 4 50 4.91 5 37 5.45 5.85 6.84 7.98	3 75 3 .99 4 .32 4 .65 5 .00 5 .80 6 .45 7 .06 7 .65 6 .13 8 .68 9 .43 10.33	3.51 3.75 4.03 4.37 4.88 5.32 5.75 6.98 7.49 7.97 8.82 9.41
<b>South</b> 1967	1 45	1 92	1.39 ¦	1 90 ;	1.47	1 92	2.00	2.54	2.38	3.44	3.10
1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980	1 60 1 72 1 78 1 84 1 93 2 10 2 38 2 58 2 58 2 56 2 94 3 19 3 19 3 74	2 60 2 65 2 65 2 80 3 50 3 73 4 06 4 51 4 74	1 56 1 86 1 70 1 75 1 83 1 87 1 .96 2 27 2 47 2 .52 2 80 3 04 3 28 4 56	1 86 2 20 2 255 2 47 2 257 3 17 3 27 3 82 3 82 3 70 4 17	1 61 1 74 1 81 1 68 1 98 2 2 18 2 2 45 2 65 3 3 04 3 29 3 3 57 3 3 87	2 05 2 20 2 39 2 62 2 72 2 76 3 75 4 07 4 36 5 69 6 08	2.14 2.22 2.32 2.47 2.68 2.87 3.12 3.63 3.91 4.31 4.70 5.08 5.48 6.09	2 72   2 90   3 08   3 41   3 75   4 03   4 .33   4 .88   5 27   5 69   8 20 . 6 73   7 56   8 34   .	2 58 2.72 2.84 3 17 3.95 3.44 3 71 4 08 4 45 5.14 5.24	3 62 3.79 4.01 4.43 4.76 5 08 5 32 6.06 6 67 7 81 8 27 9 16	3.28 3.48 3.69 4.08 4.44 4.77 5.24 5.95 6.41 6.99 7.61 8.29 9.14
North Central	1 87 <sup>:</sup>	2 34	1.76	1 89	1 93	2 56 ·	2 82	3 26	2 89	3 89	3.46
1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	1 97 2 099 2 22 2 36 2 49 2 59 2 78 3 11 3 3 4 4 80 4 80	2 54 2 72 2 318 3 18 3 3 58 3 3 86 4 14 4 59 5 51 5 824 6 78	1 85 1 94 2 07 2 19 2 31 1 2 42 2 63 3 18 3 64 4 35 4 81	2 10 2 15 2 2 15 2 2 88 2 88 3 3 3 5 2 3 6 4 1 1 5 4 8 5 5 7 5 6 0 1	2 03 ¦ 2 18 2 29	2.75 2.94 3.10 3.44 3.69 3.92 4.54 4.54 4.58 5.55 8.05 7.38	2 99   3 18	3 50 3 68 3 93 4 44 4 97 5 44 5 83 6 32 8 88 7 45 9 06 9 95	3 04 3 09 3 40 3 70 4 01 4 29 4 74 5 22 5 68 6 12 6 68 7 58	4 10 4 44 4 77 5 16 5 65 5 87 6 31 7 10 7 77 8 83 9 59 10 49 11 51	3.67 3.67 4.13 4.65 5.16 64 6.07 7.20 7.84 8.49 9.40 10.32
West 1967	2 15	2 72 <sup>1</sup>	1 99 :	_ :	2 18 <sup>:</sup>	; 2 78	3 03	3 36	2 92	3 94	3 79
1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1978 1979 1980	2 18 2 32 2 49 2 52 2 81 2 87 3 71 3 95 4 18 4 96 5 43	2 89 { 2 96 3 09 3 33   3 62 3 79 4 16 :	2 07 2 17 2 34 2 34 : 2 58 2 66 :	2 56 . 2 84 2 88 2 88 3 12 3 46 1 3 82 3 92 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 20 2 35 2 52 2 58 2 72 2 87 3 05 3 47 3 73 3 94 4 23 4 69 4 99	2 97 3 04 3 15 3 47 3 81 3 93 4 29 4 71 5 05 6 96 8 68	3 18   3 30   3 49   4 29   4 71   5 14   5 44   5 48   6 66   6 76   8 49	3 53 3 70 3 87 4 37 4 84 5 21 6 24 6 82 7 45 7 97 8 69 9 74	2 92 2 99 3 17 3 37 3 66 4 02 4 14 4 26 4 .88 ———————————————————————————————————	4 12 4 44 4 67 5 02 5 44	4 02 4 25 4 46 4 74 5 35 5 82 6 32 7 12 7 68 8 47 8 89 9 71 10 75



Table 100. Average earnings <sup>1</sup> for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-81—Continued

_	All wo	rkers	Won	n <b>e</b> ra				Men		<del></del>	
ltem	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck- drivers	Mainte- nance trades helpers	Electricians	Mechanics (motor vehicles)
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES								-	•		
All metropolitan areas 1967	2.75 2.99 3.33 3.62 3.89 4.49 4.91 5.30 5.65		\$2.01 2.09 2.24 2.38 2.53 2.53 3.14 3.37 3.98 4.36 4.77		\$2 37 2 48 2 84 2 85 3 12 3 75 4 02 5 4 63 5 46 6 86 7 42	  -  -  -  -  -  -	\$3 02 3 23 3 41 3 62 4 11 4 56 5 00 5 48 6 69 7 60 6 69 7 9 08 10 03	\$3.30 3.52 3.71 3.94 4.49 5.06 5.56 5.96 6.55 7.15 7.86 8.84 9.48 10.60 11.39	\$2 78 2 91 3 06 3 27 3 57 3 59 4 11 4 46 4 91 5 48 5 92 6.11	\$3 83 4 20 4 27 4 54 4 91 5 35 5 75 6 93 7 60 8 22 8 60 9 60 10.48	\$3 40 3.60 3.82 4.08 4 50 5 02 5 48 6 58 7 12 7.61 8.43 9.23 10.28
Northeuat								2.25	2.02	2.60	3.32
1967	∠37 248 265 287 307 345 380 410 470 513 550 674 725	! <u>-</u>	2.07 2.17 2.31 2.47 2.59 2.87 3.26 3.53 4.24 4.80 5.25 5.48 6.55 7.10		2.47 2.58 2.75 2.97 3.19 3.56 3.91 4.20 4.80 5.56 5.56 6.50 6.60 7.30	- - - - - - - - - - - - - - - - - - -	3 08 3 25 3 27 3 84 4 13 4 172 5 24 5 71 6 13 8 78 7 61 8 84 9 62 1 10 87 11 61	3 35 3 353 3 53 3 53 3 96 4 47 5 5 62 6 04 6 84 7 21 7 93 6 74 10 65 11 50	2 83 2.91 3 05 3.30 3 57 3.93 4.28 4 62 5 23 5.72 5.94 6.98 7 44 8.90	3 69 3 .86 4.11 4 .40 4 76 5 21 5 64 6 .04 7 48 8 13 8 68 9 .48 10 35 11 25	3.32 3.51 3.73 4.05 4.44 5.90 6.55 7.13 7.70 8.21 8.84 9.77 10.64
South  1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1977 1978 1979 1980 1981	2.91 3.13 3.34 3.91 4.28		1 61 1.92 2.05 2.20 2 40 2 59 2.92 3 08 3.55 3 87 4 27 4 78 5 13 5 57 5.95		2 03 2 15 2 32 2 49 2 73 3 00 3 19 3 40 4 01 4 41 4 86 5 09 5 58 6 32 6 90		2 47 2 64 2.74 2 85 2 94 3 16 3 .40 3 82 4 37 4 82 5 39 5 85 6 19 6 .60 7 34	3 03 3 23 3 43 3 63 4 16 4 83 5 04 5 38 6 01 6 56 7 25 / 96 6 73 9 79 10 47	2 57 2 72 2.87 3.01 3 34 3 58 3 65 4.00 4.27 4 80 5 39 5 23 —	3.55 3 78 4 01 4 21 4 68 4 94 5 34 5 65 6 57 — 8 23 8 87 9.89	6 67 7 36 8 06
North Central  1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981	2 37 2 46 2 84 2 84 3 09 3 44 3 72 4 00 4 53 4 96 5 34 5 66 6 35 6 90 7 65		2 40 2 52 1 2 90 3 15 3 37 3 98 4 30 4 61		2 50 2 60 2 76 2 97 3 31 3 64 3 95 4 28 4 78 5 520 5 65 5 93		3.12 3.39 3.57 3.85 4.45 4.93 5.47 5.94 8.45 7.16 8.09 8.95 9.97 10.91 12.21	4 10 4 89 5 26 6 21 6 75 7 42 8 17 6 94 9 90	2 91 3.07 3 24 3 50 3 79 4 09 4 35 4.85 5.29 5 76 6 31 6 50 7 19 7.95	3 94 4 18 4 4 38 4 66 5 02 5 52 5 83 6 22 7 01 7 67 8 26 8 87 9 74 10 59 11 62	3 90 4 16 4 .66 5 21 5 .68 6 11 6 7 26 7 90
West  1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980	2 45 2 56 2 71 2 91 3 17 3 18 3 3 77 4 07 4 78 5 23 5 52 5 97 6 59 7 99	_	223				3 30 3 57 3 86 4 43 5 15 5 63 6 13 6 52 7 26 8 05 7 61 8 10 9 46 11 45	5 27 5 75 6 22 6 83 7 42 6 09 8 80 9 84 10 92		4 20 4 48 4 75 5 08 5 59 6 01 8 38 7 45 8 8 9 1 0 10 2 9 40 1 1 10	4.05 4.30 4.50 4.60 5.46 5.91 6.52 7.76 8.51 9.14



Table 100. Average earnings <sup>1</sup> for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967–81—Continued

	All wo	rkers	Wor	men				Men			-
Item	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitora, portera, and cleanera	Shipping packers	Matenal handling laborers	Truck- drivers	Mainte- nance trades helpers	Electricians	Mechanics (motor vehicles)
WHOLESALE TRADE									-		
All metropolitan areas								ļ			
1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	2.62 2.80 3.04 3.27 3.72 3.96	\$2.39 2.54 2.86 2.86 3.08 3.34 3.51 4.14 4.47 4.76 5.56 8.11	\$1.64 1.79 1.96 2.20 2.35 2.43 2.59 2.73 2.73 3.61 3.78 4.54	\$1 90 2 14 2 19 2 40 2 50 2 50 3 21 3 .72 4 .04 3 .97 4 .81 4 .81	\$2 03 2.14 2.31 2.46 2.66 2.85 3.10 3.35 3.83 4.08 4.41 4.71 5.07 5.47	\$2.46 2.61 2.75 2.93 3.20 3.59 3.88 4.63 5.02 6.94 8.91	\$2 40 2 49 2 62 2 76 3 00 3 27 3 49 3 73 4 25 4 53 4 93 5 74 6 18 6 76	\$2 81 2 96 3.12 3.33 3.63 4.02 4.29 4.59 5.82 5.82 5.98 6.25 6.70 7.43 8.04	\$2 43 2 59 2 85 2 92 3 .22 3 .42 3 .74 3 .97 4 .92	\$3 38 3 49 3.68 3 95 4.31 4.57 4.80 5.35 6.26 6.84 7.29 8.02 9.35 9.82	\$3 28 3.47 3.62 3.85 4.18 4.56 4.91 5.27 8.09 6.67 7.14 7.57 8.18 8.89 9.77
Northeast					0.01		5.76	5.54		3.02	•.77
1967 1968 1970 1970 1971 1972 1972 1973 1974 1975 1976 1977 1978 19979 1980 1981	2 09 2.24 2.39 2.52 2.70 2.93 3.15 3.31 3.93 4.17 4.39 4.78 5.22 5.33	2.33 2.41 2.58 2.74 2.83 3.04 3.20 3.32 3.57 3.93 4.04 4.10 4.50			2 12 2 26 2.41 2.53 2.69 2.95 3.15 3.34 4.01 4.05 4.45 4.83 5.36 5.45	2 40 2.46 2.83 2.81 2.99 3.13 3.25 0.38 3.63 4.03 4.03 4.14 4.52 —	2.54 2.60 2.75 3.01 3.26 3.52 3.66 4.13 4.77 4.93 4.93 6.23 6.31 6.83	3.07 3.18 3.36 3.82 3.91 4.43 4.79 5.11 5.66 6.23 6.56 6.58 6.93 7.73 8.35		111111111111111111111111111111111111111	3.50 3.62 4.07 4.32 4.65 5.09 8.67 7.19 7.59 8.11 6.53 9.13
1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978	1 65 1.74 1.89 2.05 2 18 2 29 2 50 2.67 2.98 3.19 3.42 3.77 4.07 4.70 5.19	1.98 2.06 2.23 2.42 2.67 2.73 2.74 2.90 3.68 3.93 4.16 4.39 4.73	1.44 1.56 1.72 1.86 1.99 1.97 2.06 2.23 2.56 2.79 3.07 3.25 3.49 4.12 4.13	2.98	1.69 1.77 1.92 2.08 2.22 2.34 2.58 2.76 3.10 3.29 3.51 3.87 4.17 4.80 5.42	1.98 2.09 2.25 2.45 2.72 2.79 2.79 3.04 3.93 4.26 4.47 5.11	1 72 1.81 1.93 2.05 2.21 2.43 2.62 2.78 3.25 3.55 3.55 4.15 4.81 5.03 5.70	2.04 2.17 2.31 2.45 2.60 2.83 3.04 3.23 3.90 4.17 4.35 4.65 4.94 5.58 6.25		111111111111111111111111111111111111111	2.91 3.03 3.17 3.34 3.56 3.79 4.03 4.03 5.41 5.79 6.50 6.81 7.63 8.45
North Central 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980	2 10 2 23 2 42 2 60 2 84 3 09 3 37 3 70 4 12 4 48 5 03 5 38 6 13 6 64 7 03	2.50 2.69 2.87 3.04 3.37 3.67 3.68 4.20 4.47 4.51 5.29 5.93 6.31 6.79 7.06	1.78 — 2.28 2.45 2.65 2.77 3.12 3.46 3.69 4.38 — —	1.91 2.21 2.15 2.38 2.85 3.40 3.90 4.17 4.51 4.44 5.05 5.42	2 14 2.27 2 46 2 65 2.91 3 16 3 46 3 79 4 22 4 56 5 13 5 47 6 .19	2.61 2 63 3 00 3 17 3 53 3 78 4 01 4 30 4 61 4.94 5 82 8.36 8 94 7.29	2.64 2.75 2.95 3.14 3.49 3.85 4.14 4.33 4.75 5.15 5.86 6.19 6.94 7.30 8.03	3.05 3.29 3.45 3.66 4.14 4.57 4.90 5.22 5.79 6.24 6.85 7.15 8.05 8.60 9.31	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3.34 3.56 3.81 3.82 4.29 4.73 5.18 5.48 6.14 7.75 7.84 8.57 9.19
West 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1980 1980 1981	2 30 2 28 2 52 2 66 2 90 3 02 3 32 3 55 4 39 4 77 5 29 6 00 6 24 7 01	2 78 2 99 3 05 3 15 3 44 3 74 3 92 4 29 4 39 4 64 4 92			2 32 2 29 2 54 2 66 2 90 3 03 3 33 3 57 3 95 4 45 4 88 5 31 6 04 6 30 7 31	2.81 2.99 3.05 3.17 3.50 3.84 4.03 4.44 4.68 4.80 4.94	2 92 2 99 3 17 3 25 3 42 3 72 3 98 4 37 4 50 4 48 5 05 5 89	3.25 3.34 3.55 3.76 4.07 4.50 4.75 5.06 5.67 6.16 6.84 7.08 7.67 8.73			3 62 3 82 4.03 4.80 5.14 5.47 6.79 7 31 7.89 8.00 8 82 10.31 11.57



Table 100. Average earnings <sup>1</sup> for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967–81—Continued

	All wo	rkers	Wor	nen				Men			
lt <b>e</b> m	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck- drivers	Mainte- nance trades helpers	Electricians	Mechanics (motor vehicles)
RETAIL TRADE All metropolitan areas											
967 968 969 970 971 972 973 974 975 976 977 978 979 980	\$1.70 1.83 1.96 2.11 2.26 2.37 2.50 2.67 3.01 3.25 3.47 4.04 4.37 4.77	\$1.99 2.14 2.27 2.43 2.63 2.79 2.97 3.43 3.67 4.10 4.62 4.69 5.16 5.57	\$1.49 1.65 1.80 1.89 2.01 2.11 2.22 2.38 2.70 2.91 3.12 3.27	\$1.91 2.06 2.18 2.34 2.54 2.50 2.60 2.75 3.41 3.83 4.47	\$1.74 1.86 1.99 2.15 2.30 2.42 2.55 2.73 3.06 3.30 3.52 3.81 4.05 4.36 4.78	\$2.07 2.22 2.37 2.54 2.76 2.93 3.13 3.31 4.21 4.57 5.00	\$2.27 2.40 2.53 2.67 2.89 3.12 3.29 3.51 4.01 4.38 4.62 5.09	\$2.70 2.87 3.01 3.18 3.49 3.88 4.17 4.49 5.38 5.76 6.33 6.81 7.61 7.98	\$2.28 2.48 2.58 2.71 3.07 3.24 3.33 3.53 —————————————————————————————	\$3.89 3.92 4.20 4.60 5.02 5.50 5.77 6.07 7.03 7.40 7.89 8.59 9.04	\$3.21 3.35 3.53 3.76 4.153 4.92 5.28 6.07 6.72 7.04 8.39 9.18 9.88
Northeast  967  968  969  970  971  972  973  974  975  9976  9977  9980  981	1.78 1.90 2.04 2.18 2.33 2.51 2.64 2.64 2.12 3.33 3.61 3.70 3.98 4.27 4.81	1.95 2.12 2.34 2.51 2.57 2.76 2.76 3.17 3.40 4.09 4.32 4.79	1.58 1.71 1.86 1.94 2.07 2.21 2.31 2.52 2.81 3.01 3.26 3.36	1.87 2.04 2.08 2.22 2.35 2.15 2.27 2.42 2.68 2.96 3.17	1.82 1.94 2.07 2.22 2.38 2.56 2.70 2.90 3.18 3.40 3.68 3.76 4.02 4.25 4.79	2.01 2.16 2.29 2.45 2.66 2.99 3.19 3.54 3.62 3.79	2.24 2.38 2.55 2.67 2.88 3.17 3.46 3.99 4.52 4.70 4.93 5.19	2.91 2.99 3.18 3.47 3.70 4.14 4.42 4.68 4.68 5.27 5.44 6.80 6.81 7.24		3.79 4.00 4.28 4.89 5.10 5.61 5.97 6.49 7.51 7.96 6.92 9.12	5.44 6.00
967 968 969 970 971 972 973 974 975 976 977 978 979 980	1.43 1.57 1.70 1.80 1.91 2.03 2.12 2.29 2.62 2.81 3.04 3.45 4.02 4.37	1.79 1.89 2.12 2.24 2.45 2.55 2.71 3.36 3.51 4.01 4.79 4.5.19	1.34 1.51 1.63 1.71 1.78 1.82 1.94 2.09 2.48 2.66 2.80 3.05 3.31	1.88 1.94 ————————————————————————————————————	1.45 1.58 1.71 1.82 1.94 2.07 2.16 2.33 2.65 2.84 3.08 3.54 3.79 4.05	1.73 1.86 1.95 2.14 2.25 2.50 2.64 2.68 3.29 3.41 4.08 5.00	1.86 1.99 2.10 2.23 2.43 2.63 2.79 3.03 3.49 3.73 4.22 4.74	2.03 2.34 2.50 2.72 3.07 3.28 3.57 4.06 4.34 4.80 5.29 5.81 8.53 6.99			2.86 2.97 3.11 3.25 4.03 4.44 4.77 5.44 6.00 6.21 6.55 7.44 8.22 9.00
North Central 967 968 969 970 971 972 973 974 975 977 978 977 978 979 980	3.42	2.05 2.26 2.36 2.57 2.81 2.95 3.32 3.83 4.61 4.90 5.71 6.42	1.55 1.70 1.86 1.96 2.12 2.28 2.40 2.53 2.81 3.03 3.23 3.33	1.67 2.01 2.16 2.37 2.53 2.68 2.86 2.97 3.37 3.4.23 4.79	1 80 1.92 2.08 2 26 2 42 2 52 2.67 2.91 3 52 3 52 3 68 3 62 3 96 4 40 4 90	2.35 2.49 2.74 2.92 3.36 3.63 3.80 4.20 5.41 5.58 5.33	2.47 2.60 2.75 2.91 3.22 3.53 3.82 3.89 4.40 4.85 5.44	3.09 3.47 3.67 4.09 4.85 5.10 5.40 6.13 6.42 6.62 7.25 8.19 8.68			3.43 3.51 3.83 4.00 4.46 5.00 5.41 6.03 7.30 7.60 8.07
West  967 968 989 970 971 972 973 974 975 976 977 978 978 978 979 980	2 18 2 18 2 24 2 259 2 71 2 92 3 40 3 68 3 94 4 14 4 53 5 17		1.82 1 91 2.05 2 22 2 40 2 63 2 86 2 85		2 21 2 20 2 28 2 48 2 61 2 72 2 85 2 95 3 44 3 72 3 96 4 20 4 52 4 82 5 18		5.01	3.22 3.34 3.41 3.53 3.96 4.29 4.54 4.94 5.81 7.11 7.83 6.06 8.97 9.43			3.67 3.69 4.12 5.62 7.37 8.09



Table 100. Average earnings <sup>1</sup> for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967-81—Continued

ļ	All wo	rK <b>OTS</b>	Wor	THEFT		<del></del>		. Men			
ltern	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleariers	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck- drivers	Mainte- nance trades helpers	Electricians	Mechanic (motor vehicles)
INANCE, INSURANCE, AND REAL ESTATE Ul metropolitan areas		·				: 1 1	:	:			
7	\$1.86		\$1.72	_	\$1.98		<del></del> :	i	<b>\$2 5</b> 3	\$3 64	! .
8 9	2.00 2.13	_	1.86 1.95	_	2 11 2 27	! !	_ :	_ :	_	3 88 4 29	
5	2.30		2.14	_	2 45	_	- !	<u>-</u> '	2 86	4 55	
1	2.45		2.28	_	2 60	- i	_ ;	\$3 21 3 55 :	_	4 90 5.21	1
3	2.68 2.87	_	2.53 2.71		2.81 3.01	= ;	_ !	3 62 ₁	_	5.40	
·	3.08	-	2.91		3 22	j		3 91	3.36	6 12	1
5 5	3.37 3.87		3.10 3.35	_	3 58 3 91	:	= !	4 23 4 40	3.50	6.97	
7	3.84	_	3.46	_	4 10	,	_ '	4 66	_	7 72	
}	4.20		3.92	_	4.38	! !	!	5.09 5.14	_	8.03	
	4.42 5.01	_	3.96 4.52	_	4.64 5.20	_		5.85	=	8.97	
İ	5.40	_	5.09	_	5.59	— <u>:</u>		6.44	_	9.63	
Northeast											
	2.04	_	1.82	-	2.20		- !	<b>–</b> :	_	3 42	
)	2.14 <sup>-</sup> 2.28	_	1.89 2.01		2 30 2.47	_ !	_ :		_	3.80	
	2.50	_	2.24	_	2.76	-	_ i	'	_	4.08	! !
	2.70	-	2.39	_	2.98	_	_		_	4 40	
	3.02 3.27	_	2.75 3.01		3.28 3.54	_			=	5 08	
	3.54	_	3.29	_	3.79		_	-		5 67	!
	4.00 4.45	_	3.59 4.12	_	4.29 4.64	-		4 75	_	8.17 8.86	
}	4.70		4.40	_	4.88	_	_	4 85	_	7.37	
)	5.00	_	4.85	_	5.06	-		- 1	-	7.48 8.00	
)	5 25 5.70	Ξ	5.06 5.33	_	5.30 5.78	_		_!	=	8.63	
	6.09	_	6.18	_	8.07		-	<u> </u>		9.11	
South								! !			
·	1.40	_	1.32	_	1.48	-		- :	<del></del>	_	ļ
 	1.59 1.72	=	1.53 1.67	_	1 63 1.76	-	_	_ :	_	: =	Ì
)	1.77		1.68	_	1 83	_	_	ı İ	_	-	•
	1.91	-	1.80	_	1.96		_		_	! =	l
!! 	1. <b>99</b> 2.10		1.86 1.95	_	2.05 2.17	_	_	Ξ.	_	_	
	2.18	_	2.03	_	2.27		_	· i	_	-	
 3	2.45 〕 2.62	_	2.38 2.54	_	2.51 2.70	-		!		i =	
		_	2.60	_	2.82	_		-	_	! -	
8	2.92	-	2.86		2.98		_	-		! _	!
9	3.22 3.55	_	3.14 3.47	=	3.28 3.59	-			_	_	ļ
1	3.92	_	3.84	_	4.01	_	_	- !	-		
North Central										1	
Z	1.94	_	1.82	-	2.11	-	_	_	_	4.24 4.56	! !
}	2.08 2.18	_	1.97 2.01	=	2 23 2.42					i -	:
	2.33	l	2.20	-	2 50		-	-	_	=	i i
2	2.47 2.61	_	2.30 2.46	_	2.70 2.81	-	_		_	: =	;
3	2.74	_	261	_	2.93	-	i –		_		
	3 10	_	2.87	_	3.34		_	- 1	_	7 96	
5. , , . , . , . ,	3.44 3.75	_	3.16 3.48	=	3 70 3.98	_	_	_		8 20	
	3.77	_	3.48		3.90	_	_	i –	_	-	
9	4.13	j –	3.96	_	4.22		_	_	_	_	i
)	4,39 5,18	_	4.19 4.83	=	4 45 5 33		-		=	: =	İ
	5.48	-	5.16	-	5,73	-	-	-		; -	
West			ŀ							į	i
7	2.04 2.11	_	1.91 2.06	_	2 10 2 13	_		- i		<u>-</u>	:
8	231	_	2.20	i =	2 36	_	: <u> </u>		_	<del></del>	
	2 41	_	! -	-	245		·		_		
1 2 · · · · · · · · · · · · · · · · · · ·	2 56 2 78	=	=		! 261 ; 280	_					
3	3 07	<b>–</b>	ļ <b>-</b>	¦ -	3 16		_		_	_	•
4	3 54 3 49	_	_	_	3 51 3 56	_	=	· _			
5	3 49	=	=		400		_	· <u> </u>			
7	4 34	_	-	! =	4 36		_			_	
8 9	4 18 4 01	_	<u> </u>	_	4 07			-	_	_	
9 · · · · · · · · · · · · · · · · · · ·	4 35	=	=	=	4 60	-	_		_	_	
ñ	5.06	l .	· _		1 -		_	_			



Table 100. Average earnings <sup>1</sup> for selected plant occupations in metropolitan areas by sex, industry division, and region, 1967–81—Continued

Ĺ	All wo	rkers	Won	nen				Men			·
ltem	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Janitors, porters, and cleaners	Shipping packers	Material handling laborers	Truck- drivers	Mainte- nance trades helpers	Electricians	Mechanics (motor vehicles)
SELECTED SERVICES All metropolitan areas											
67	\$1.76	-	\$1.73	_	\$1.77		\$2.07	\$2.84	\$2.56	\$3.62	\$3.2
68	1.87 2.00	=	1.84 1.95	_	1.63 2.02	=	2.12 2.25	2.73 2.97	2.65 2.83	3 79 4.08	3 3 3.7
70	2.10		2.02	_	2.14		2.45	3.15	3.02	4.38	3.8
71	2.16 2.32	=	2.10 2.28	_	2.22 2.34	_	2.71 2.85	3.35   3.60	3.23 3.32	4.73 5.04	4.0
73	2.42	-	2.38	-	2.44	1	2.69	3 83	3.46	5 2 1	4.0
74	2 55 2.89	3.05	2.52 2.89	_	2.57 2.89	_	3.03 3.82	4.18 4.50	3.54 3.76	5.34 5.90	5. 5
6	3.19	3.05	3.22		3.17	i	3.66	4.87	4.10	6.60	60
7 8	3.30 3.50	3.44	3.25 3.45	_	3.24 3.49	=	4.30 i 4.23 i	4.86 5.35	4.54 5.08	7.21 7.77	6.4 6.1
9	3.77 4.06		3.73	-	3.81	-	4.76	5.83		8.08	7.2
30	4.34	=1	4.02 4.24	_	4.10 4.41	=	4.57 6.02	6.53 6.91	5.23 5.35	8.90 10.38	7.0 8.1
Northeast											
7	1.89 2.00	_ i	1.85 1.96	-	1.91 2.03	=	=	2.65 2.77	_	3.21 3.40	3.3 3.4
9	2.17	-1	2.14	=	2.19		_	2.98	Ξ	3.68	3.6
0	2.32 2.45	=	2.22 2.36	_	2.38 2.50	_	_	3.21 3.42	_	3.99 4.23	3.9 4.
2	2.73	-1	2.75	-	2.71	-	2.81	3.71	_	4.39	4.4
3	2.90   3.06	_	2.97 3.16	=	2.85 3.00	_	=	4.03 4.19	=	4.68 4.89	4.6 5.
5	3.54	-	3.64	-1	3.48		-	4.31	_	5.34	] ,
8 7	3.92 4.05	=1	4 11 4.20		3.78 3.85	_	_	4 65 4.90	-	5.98 6.47	6.
<b>3</b>	4.20	_	4.32	-1	4.01			5.18		7.01	6.
9 0	4.48 4.75	_	4.60 4.86	_	4.41 4.68	_	=	5.86 6.62	-	7.43 8.36	
1	4.86		4.91	-	4.86		_	7.10	_	9.55	
South			4.02				1	2.0			
7	1.36 1.52		1.37 1.53	= !	1.36 1.52	=	=1	2.19 2.27		_	2.7 2.6
9i	1 63	-	1.62	-	1.64	-	-1	2.50	_	-	3.0 3.
)	1 69 1.72	=	1 66 L 1.69	_	1.70 1.74	_	_	2.84 2.83			3.
2	1.81	- [	1.79	- [	1.82		-	3.06	-	_	3.8 4.
	1.84   1.94	=	1.80 1.90	=	1.87 1.97	=	=	3.26 3.53	_		4.0
5	2 23 2 43	!	2.19	_	2.26		_	3.79	_	- 26	5.2
7	2.47	= 1	2 40 2.44	_	2.45 2.50	_	=	3 90 4.12	=	6.36 6.94	5.5 5.
8	2.77 3.01	_	2 74 2.97	_	2.79	_	_	4.58	_	7.23 6.97	6.3 6.9
0	3.24	=!	3.20	=	3.03 3. <b>28</b>	=	=1	5.20 5.79	_	7.25	7.5
1	3.52	-1	3.49		3.55	-	-1	5.95	-	_	8.6
North Central	1 70	_ [	1.68		1 72	1	2.07	2.84			3.3
8	1 80	=1	1.74	_	1.72 1.84	-	2.07 2.21	2 92	=	_	
9	1.93 2.04	-	1.85 1. <b>96</b>	-	1.97 2.08	-	2.27 2.42	3 20 3.47	_	_	3.9
1	2 15 i	= [	2.09	=	2.19	=	271	3.68	_	-	3.1
2	2.25 2.32	=1	2 17 2 25	_	2.30 2. <b>36</b>	=	2 96 3.15	4.07 4.43	_	-	5 (
4	2 45		2 47		2.44		3.14	5.16	-	-	6.
5	2 77 2.97	_	2.80	=	2.75 3.00	-	=1	5.53 6.10	_	<del>-</del>	6.1
7	3 18	=	-!			-	-	5.35	Ξ	_	
8	3.46 3.71	_1	3.53		3.37 3.69	=	=	6.27 6.82	- 1	-	
0	4 05		4.18	-	3.98		-	7.11	-	_	
1	4.32	-	4 42		4.19	-		7.07	-	-	
7 West	2.12	_	2.01	_	2 14			3 29		3.93	
8 9	2 18 2 30	_!	2 07 2.16	=	2.18 2.33	_	_	3.35 3.49	-	4.05 4.37	
o. i	2 46	-	2 32		2 49	-!	-	3.58		4.52	4.2 4.3
2	2 45 2 57	-	2 27 2 34	_	2 49 2.64	_	-	3.67 4.04	_	4.96 5.23	4.3
3 .	2 69	-!	2 47	- 1	2 76	-	- 1	4.19		5.44	
4 .	2 64 3 20	_	2.55	=1	2.93	_	_	4 46 4.76	=	_	
Ĝ :	3 59 ,	_	- i	-	3 57	<b></b>	- !	5.24	- 1	_	
7	3 79 i 4 06 :	=1	3 90	=	3.73 4 1 i	=	=	5 67 5 93	=	8 53	-
'9	4 51 ,	-!		-1	4.62	- 1	- 1	6 45		9.54	
00 11	4 88 5 36	= [	4.96   5 14	_	4.90 5.56	_	-	7.74		_	-
•	1	I			0.00		· 1	1			

Earnings relate to hourly earnings excluding premium pay for overtime, weekend, holiday, or late-shift work, and wage supplements. Data are derived by statistically combining average earnings from surveys conducted annually in selected Standard Metropolitan Statistical Areas (SMSA's). Earnings for these and other occupations are available for the SMSA's surveyed. Because the surveys are conducted at various times throughout the year.

combined data relate to an average payroll month of reference. For 1975 and subsequent years, data relate to July (individual area data were combined on a calendar year basis). Before 1975, data relate to February (individual area data were combined on a fiscal year—July through June—basis).

NOTE: Dashes indicate data not available



Table 101. Average earnings <sup>1</sup> for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-81

	All workers					Wo	men			M	en	
ltem	Accounting clerks, class B 3	Massen- gern	Computer program- mers, class B 3	Systems analysts, class B <sup>a</sup>	Account- ing clerks, class B <sup>2</sup>	Messen- gers	Computer program- mers, class B 3	Systems analysts, class B <sup>3</sup>	Account- ing clerks, class B <sup>2</sup>	Messen- gers	Computer program- mers, class B 3	Systems analysts, class B 3
ALL INDUSTRIES All metropolitan												
1987 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981	\$84 50 88 50 93 00 99 00 105 00 111 00 116 00 122 50 136 00 146 00 156 00 179 50	\$70 50 75 50 86 00 91 50 95.50 107.50 120 50 129.50 138.50 145 00 15 7 17, J 184.60	\$189 50 198.50 208 00 219 50 240.50 256.50 274.00 292.00 315.50 375.00	\$238.00 251 00 251 50 275.00 303.50 327.50 3 368.00 400.00 438.00 479.50	\$82.00 86 00 90.50 90.50 103.00 114.00 120.50 134.00 143.00 153.50 163.50	\$68 50 73 00 77.00 82.00 87 00 93.00 103.00 115.50 124 00 133 00 140.00 151 50 166.00	\$182.50 169.50 201.00 211.50 231.50 245.50 262.50 279.00	\$223.50 238.50 248.00 266.00 291.50 309.50	\$101.50 106.50 112.50 119.50 128.50 134.50 141.00 164.00 178.50 185.00	\$72.00 77.00 82.50 88.50 94.00 99.00 103.50 110.50 124.50 132.50 141.00 147.50 158.00	\$191.00 201.00 210.00 221.50 243.00 259.50 274.00 292.50 315.50 347.00	\$239.50 253.00 284.00 276.50 306.00 325.00 346.00 370.50 404.60 440.00
1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980	84.00 88.06 93.00 100.50 107.50 114.50 120.00 127.00 138.50 149.50 160.50 175.00	70.50 75.00 80.00 87.00 93.50 99.50 104.00 110.00 122.50 131.50 140.00 149.00 160.50 176.00	195.00 206.00 216.00 228.00 245.00 259.00 276.00 268.50 308.50 338.00 372.50	245.00 259.00 272.00 315.5r 334.5 357.00 374.50 296.00 474.50	81.00 85.00 90.00 96.50 103.50 110.50 123.00 134.50 106.00 171.00	69.00 73.00 77.50 82.00 89.50 97.50 11.00 65.00 65.00 137.00 146.00 176.00	189 00 198 50 213 50 223 50 223 7 00 251 50	232 00 250 50 260.00 276.50 306.00	98.50 106.00 111.50 119.00 128.00 136.00 143.00 153.50 169.50 188.53 193.50 199.50 212.50	71.00 78.00 81.50 95.50 100.50 112.00 126.50 133.50 141.00 141.00 150.00 160.50	197.00 208 50 216.50 228.50 228.50 228.50 282.0 272.0 282.50 303.00 335.50	247.00 260.50 274.00 287.00 317.00 333.50 352.00 392.00 427.00
1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980	81 00 84 50 88 50 93 50 98 50 104 00 119 50 139 50 139 00 158 50 172 00	66.50 71.00 78.00 80.50 85.50 90.00 95.00 101.50 118.00 125.00 141.00 153.50 189.00 176.50	178 00 187.50 196.00 206 00 225.50 243.50 281.50 284.00 302 50 329 50 358.50	227 50 241 50 282 50 282 00 282 00 289 50 310 50 387 00 387 00 380 50 418 50	79.00 82.00 91.00 96.50 102.00 107.50 113.50 128.50 137.00 146.00 157.00	64.00 69.00 73.00 78.00 82.00 86.00 91.50 113.00 121.00 131.00 134.50 143.00 160.50	187 50 178 00 185 50 196 50 212 50 228 50 251 50 270 50 291 50 309 50 345 00	232.00 246.00 251.00 251.00 294.50 350.00	98.50 102.50 109.00 114.00 123.50 127.50 134.00 166.00 166.00 177.00 181.50	68.00 72.50 78.00 82.00 87.50 92.50 97.00 104.00 116.50 127.50 146.50 181.00 174.50 179.00	181.00 190.00 199.00 206.50 229.00 249.00 284.50 285.50 306.50 338.00 384.50	229.00 242.50 254.00 264.00 291.50 314.00 336.50 358.50 384.50 420.00 469.00
North Central 1967 1968 1969 1970 1971 1972 1973 1974 1975 1978 1978 1978 1990 1980	84 50 89 00 93 50 99 50 106 50 112 00 117 00 123 50 137 00 146 00 156 00 183 00	1 136 00 147 00 1 160 00	187.50 197.50 197.50 206.50 218.50 243.00 258.00 276.50 292.50 322.50 352.00 382.50	235 50 248 00 258 50 273 00 302 00 321 50 346 00 373 00 415 00 453 00 488 00	82.50 86 50 91 50 97 50 104 L0 110 r0 122 00 135 50 144 50 154 00 165 50 179.50	69 00 73 50 76 00 82 00 87 00 92 50 104 00 117 00 132 00 132 50 153 50	180 50 188.00 196.00 207 50 234 50 245 50 245 50 279 00	218 00 229 00 229 50 239 50 262 50 290 00 309 00 325 50	105.00 109.00 116.00 125.00 135.00 141.50 145.50 147.00 167.00 175.50 181.00	74 00 79.00 85.00 91.00 96.50 101.55.00 1125.00 134.50 142.50 151.00	189 00 199 50 209 00 221 50 245 50 281 50 278 50 295 5.) 326 50	237.00 250.50 261.00 275.00 304.00 319.50 425.50 459.00 493.00
West 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980	91 50 94 50 98 00 103 00 110 00 121 00 126 50 132 00 153 00 166 50 178 00	76 00 80 50 83 50 88 50 94 00 103 00 109 00 123 00 134 00 142 50 159 00	195 50 202 00 214 50 225 00 254 50 272 00 288 00 311 50 333 50 374 50	302 50 320 50 339 00 368 00		127 00 132 50 151 00	_ _ _ _	232 00 245 50 269 50	107 50 112 00 117 50 124 50 124 50 133 00 143 00 143 00	78 00 82 50 86 50 91 50 97 00 102 00 107 50 114 00 130 00 136 00 144 50 186 50 180 50 197 00 209 00	197 00 204 50 216.00 228 50 255.00 271 00 285 50 313 00 332.50 375.00	239.50 254.00 264.50 279.50 306.00 342.00 3410.50 410.50



Table 101. Average earnings <sup>1</sup> for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-81—Continued

		All w	orkers			Wo	men		! <b></b>		len	_ <del></del>
it <b>e</b> m	Account- ing clerks, class B <sup>2</sup>	Messen- gers	Computer program- mers, class B <sup>s</sup>	Systems analysts, class B <sup>3</sup>	Accounting class B *	Messen- gers	Computer program- mers, class B 3	Systems analysts, class B 3	Account- ing clerks, class B <sup>2</sup>	Messen- gers	Computer programmers. class B *	Systems analysts class B
MANUFACTURING All metropolitan areas											,	
1967 1968 1949 1970 1971 1972 1973 1974 1975 1976 1977 1977 1978		\$73.50 78.50 83.00 88.50 95.00 100.50 112.00 125.00 134.00 152.50 166.00 181.00	\$195.50 202.50 213.00 247.00 263.50 280.50 301.50 326.00 359.00 384.50	\$244.50 257.50 270.00 312.00 330.50 357.00 380.50 417.50 453.50 492.50	\$88.00 90.00 94.00 100.00 107.00 112.50 117.00 123.50 139.50 149.00 158.00 169.50	\$73.00 77.50 81.50 88.50 92.50 93.00 101.50 123.00 130.50 141.50 149.00 164.00 195.00	\$190.50 190.00 205.00 216.50 235.00 253.50 288.50 288.50 307.00 339.00	\$227.50 247 00 255.50 273.56 293.50 304.50	\$104 00 108 00 115.00 120.00 128.00 135.50 143.50 154 00 173.50 182 00 195.00 213.00 230.00	\$74 00 78 50 84.50 90.00 101.50 108.50 127 00 136 00 145.50 180.50 196.00	\$196 50 205 00 214 50 227 00 285 00 285 00 308 00 332 50 365 50 390.00	\$246 5 259 0 271 5 283 0 314 0 333 5 382 0 386 5 427 5 460 0 501.0
Northeast 1967 968 9969 970 971 972 973 974 975 975 977 978 979 978 979 980 961	86.50 90.50 94.50 101.50 109.50 117.00 121.50 142.00 153.50 162.00 172.50 182.50	71.50 76.00 81.00 87.50 94.50 101.00 134.50 111.00 123.00 132.00 147.00 156.50 168.00	197 00 207 50 215 50 226 00 242 50 258 00 274 50 288 00 308 50 335 50 362 00	243.00 261.00 273.50 283.00 313.50 328.50 362.50 373.00 398.00 430.50	84.00 87.50 99.00 99.00 106.50 114.00 117.50 124.50 138.00 149.00 157.00 176.00	71 50 75.00 79.50 66.00 91 00 99.50 103.50 109.00 119.50 127.50 138.00 145.00 166.57 181.50	200 00 190 50 21:000 218 00 230 50 253 50 272 00 276 50 297 50 328 00 347.00	31400	102 00 106 50 112 50 118 50 126 50 126 50 136.00 145.00 160 50 174 00 228 50 227 00 228 50 245.50	71 5C 78.50 82 00 88 50 96 00 102.00 105 50 112 00 125 00 133 00 147.50 157.50 169.00	196 50 209 00 216 50 227 50 246 00 259 50 275 00 292 00 312 50 342 00 371 50	243 5 259 0 2740 0 282 0 315 0 367 5 367 5 367 5 407 0 444 0 478 5
967 968	85.50 89 00 91.50 96.50 102.00 106 00 117 00 135.00 143.50 152 00 163 50 174 00	70 50 76.50 81.50 85.00 90 50 95.00 100 00 106.50 119.00 128.00 145 00 160 50 184 50 198 00	186.00 191.00 203.00 212.00 233.00 250.00 265.50 289.00 307.00 343.50 370.00	235 00 251 50 257 50 267 50 303 00 319 00 340 00 370 50 392 50 475 50	81.50 88.50 93.50 103.50 109.00 1114.00 133.00 141.00 150.00 161.50	69.50 75.50 81.00 85.00 91.00 92.00 98.50 102.00 118.00 125.00 157.50 186.00	216.50 240 00 249 00 277 00 293 00 321 00 352 50	381 00	103 00 105 00 112 00 116.00 124 00 129.50 140 50 172.50 175.50 182 00 194 50 197.00	71 50 77 00 81 f 85 00 90 50 96 50 102 00 121 50 120 50 120 50 160 50 163 50 191 50	189.00 192.50 204.00 214.50 238.00 254.00 272.00 294.00 312.50 352.50 375.00	2385 2530 2590 2690 2690 3055 3055 3055 3055 3055 3055 3055 30
North Central 967 968 969 970 971 972 973 974 975 976 9,7 978 980 981	89 50 93 50 97 50 104 00 111 50 121 50 128 50 145 50 154 00 163 50 176 50	74 50 79 00 83 50 89 50 96 00 101 50 113 00 128 00 136 50 148 00 158 50 175 00 213 00	192 50 203 00 212 50 226 00 250 50 267 50 285 50 306 00 335 00 335 00 401 50	250 50 258 00 269 00 281 00 311 50 335 00 361 5u 388 00 438 00	95 50 102 00 109 50 116 00 127 00 143 50 152 50 161 50 174 00	73 50 78 00 81 50 88 50 94 00 101 00 112 50 128 50 124 50 144 00 152 00 171 00	183 50 191 50 201 00 217 00 244 00 255 00 265 50 287 50 311 50	306 50	190 50	98 50 102 50 107 00 113 50 127 50 139 50 148 50 161 50 177 00	194 50 205 00 205 00 215 00 228 00 252 00 269 50 291 00 311 50 342 50 374 00	366 50 397 00 451 00 460 50
West   967   968   969   970   971   972   973   974   975   976   977   978   979   980   981	95 50 98 50 102 50 106 00 113 50 116 50 121 00 126 50 144 50 153 50 168 50 179 50	86 00 89 00 92 50 97 50 103 50 111 00 117 00 134 00 144 50 154 00 162 50	204 00 204 00 220 00 220 00 232 50 261 00 279 50 296 00 323 50 345 50 390 50 401 50	240 50 256 00	105 50 113 00 115 50 120 50	85 50 85 50 89 50 94 50 100 00 110 00 124 00 135 50			105 50 108 50 119 50	81 00 88 50 91 00 95 00 95 00 105 00 112 50 121 50	_	2 4 3 00 2 5 9 00 2 7 6 50 2 9 1 50 3 3 8 50 3 3 8 50 3 3 9 2 00 4 2 3 50 4 6 0 50

See footnotes all el d of table



Table 101. Average earnings <sup>1</sup> for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-81—Continued

	:	All w	orkers			Wo	men			M	en	
item	Accounting clerks, class B 2	Messen- gers	Computer program- mers, class B <sup>3</sup>	Systems analysts, class B <sup>1</sup>	Account- ing clerks, class B 2	Messen- gers	Computer program- mers, class B <sup>3</sup>	Systems analysts. class B <sup>3</sup>	Account- ing clerks, class 8 2	Messen- gers	Computer program- mers, class B <sup>a</sup>	Systems analysts, class B 3
NONMANUFACTUR-												
ING Ali metropolitan areas												
1967 1968 1969 1970 1971 1972 1973 1974 1975 1978 1977 1978 1979	86.50 91.00 97.00 103.50 109.50 114.50 121.00 134.00 144.00 154.50 163.50 177.00	\$69.50 74.00 79.00 84.50 90.00 95.00 99.00 105.50 119.00 128.00 142.50 153.50 187.00	\$185.50 196.50 205.50 218.60 237.50 253.00 271.00 288.00 310.50 339.50	\$232.00 246.50 256.00 270.50 296.00 319.00 362.50 380.00 429.50 473.00	\$80.50 84.00 89.00 95.00 101.00 112.50 119.00 131.50 141.02 151.50 181.50	\$67.00 71.00 75.50 80.50 91.00 94.50 100.50 113.00 122.00 130.50 148.50 181.50	\$179.50 189.50 189.50 199.00 209.50 229.50 242.50	\$222.00 235.50 245.50 263.50 290.50	\$99.50 105.50 111.50 119.50 128.50 134.50 140.00 145.00 174.00	\$71.50 76.00 81.50 87.50 93.50 98.00 102.50 109.50 124.00 131.50 145.50 155.50 167.00	\$188.00 198.50 207.50 218.50 256.50 268.50 268.50 307.50 338.50	\$233.50 248.50 258.00 372.00 300.00 319.50 336.00 360.00 389.50 428.50 472.00
Northeast  1 967 1 968 1 969 1 970 1 971 1 972 1 973 1 975 1 975 1 976 1 977 1 978 1 979 1 979 1 979 1 979	82.00 87.00 92.50 100.00 106.50 113.00 126.50 136.50 148.00 160.00 171.50	70.00 74.50 74.50 87.00 98.50 103.50 108.50 131.50 139.50 137.00	194.00 205.50 218.00 229.00 246.50 259.50 276.50 268.50 308.50	246.50 256.00 271.50 286.50 318.50 337.50 375.50 395.00 430.50	79.50 83.50 89.00 96.50 102.50 109.00 115.50 122.00 132.5. 143.00 156.00 159.00	68.00 72.00 77.00 83.00 96.50 100.00 114.50 113.00 126.00 133.50 141.50 156.00	185 50 198 50 214 00 225 50 239 50 251 00	230.50 242.50 258.00 273.00 307.00	97.00 105.50 111.50 120.00 135.50 142.00 151.00 168.00 105.50 188.50 187.00	71.00 78.00 81.50 89.00 100.00 105.00 112.50 126.5 134.00 138.50 147.50	197.50 278.00 217.00 230.50 249.00 270.50 278.50 298.00 332.50	249.50 261.50 274.50 274.50 319.50 338.50 385.50 419.50
South  1967 1968	83.50 87.50 92.50 97.50 103.00 108.50 115.00 129.00	85.00 69.50 74.00 89.00 94.00 100.50 115.00 124.00 133.00 140.00 152.50 166.50 173.00	3, 50 ————————————————————————————————————	478.00 — 225.50 236.50 251.50 260.50 283.50 307.50 331.50 375.00 411.00 459.50	78.00 81.50 85.50 90.50 90.50 101.50 107.00 113.50 127.00 138.00 145.00 155.50	82.50 87.00 70.50 75.50 80.00 85.00 90.50 97.00 112.00 129.50 131.50 141.00 156.00	166.50 177.50 183.00 196.00 211.50 226.00 252.00 269.00 269.00 289.00 308.50 342.50	233 00 247 50 252 00 281 00 281 00 321 50 343 50 400.00	96.00 101.00 107.50 113.00 126.50 131.00 136.00 151.00 151.00 175.50 178.00	86.50 77.50 81.50 87.00 91.50 96.00 103.00 118.00 127.00 135.50 146.00 173.50	179.00 189.50 197.50 206.50 247.50 283.00 287.00 334.50 382.00	226.50 239.50 252.00 262.00 264.00 309.50 334.00 352.50 379.50 414.50 464.50
North Central 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981	81 50 86 00 91 00 97 00 103 50 109 00 114 50 120 50 132 50 142 00 152 50 163 50	69.50 74.50 80.00 84.50 89.00 97.50 105.50 117.50 134.50 143.00 154.00 166.00	182 50 193.00 201.50 212 50 238 00 252.00 270 00 282 50 313 50 341 00 370 50	220 00 238 50 248 00 266 50 293 50 311 00 360 00 393 00 436 50 486 50	79.50 84.00 89.00 95.00 101.00 107.00 112.50 119.00 131.50 140.50 150.50 161.50	66.50 71.00 76.00 80.00 84.00 89.50 93.00 100.50 113.00 119.50 127.50 135.00 146.00	176 00 186 00 193 00 202 00 230 00 242 00 242 00 265 00 274 00	227 50 235.00 263.00 290 50 310 50 326 50	103.00 107.50 115.00 124.00 135.50 141.50 145.00 141.50 161.50 171.00	73.50 78.50 84.50 96.00 96.00 100.50 112.00 132.50 140.00 147.00	184 00 195.00 204.00 215.50 241 00 245 50 248 50 283 00	221.00 240.50 251.00 267.50 294.05 310.50 396.50 396.50 441.50 471.50
West  1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981	89 50 92 50 96 50 101 50 109 50 116 00 121 00 126 50 141 00 152 50 178 00 198 50	73 50 78 00 81 00 92 00 98 00 100 00 120 50 120 50 140 00 158 00 170 00 190 50 203 50	190 00 201 00 212 00 212 00 250 50 268 00 268 50 306 50 327 00 366 50 383 50	232 50 246 00 248 00 248 00 265 50 291 00 312 50 312 50 312 50 313 50 443 50 491 50	88 00 91 50 95 00 100 50 108 00 115 00 126 00 138 50 149 50 161 00 175 50	70 50 75 00 77 50 77 50 82 50 87 50 91 00 94 50 100 00 129 50 150 50 161 00 182 50		260 00	108 50 114 50 117 00 124 50 128 00 133 00 148 00 144 00		191 00 201 50 212 50 222 00 249 00 265 50 307 50 322 00 364 00	234 00 245 00 251 50 267 00 317 00 329 00 364 00



Table 101. Average earnings <sup>1</sup> for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967–81—Continued

		All w	orkers	,	<u> </u>	Wo	men	·		M	len	<del>,</del>
Item	Accounting clerks, class B <sup>3</sup>	Messen- gers	Computer program- mers, class B <sup>1</sup>	Systems analysts. class B <sup>3</sup>	Account- ing clerks, class B 2	Messen- gers	Computer program- mers, class B <sup>1</sup>	Systems analysts, class B <sup>s</sup>	Account- ing clerks, class B <sup>2</sup>	Messen- gers	Computer programmers, class B <sup>3</sup>	Systems analysts, class B s
TRANSPORTATION, COMMUNICATION, AND OTHER PUBLIC UTILITIES All metropolitan areas												
1967. 1968. 1969. 1970. 1971. 1972. 1974. 1975. 1976. 1977. 1978. 1978. 1979. 1980.	94.20 99.50 105.50 113.00 125.00 137.00 147.00 170.50 186.00 202.50	\$79.50 83.50 88.00 93.00 102.00 112.50 131.50 152.00 172.00 183.50 187.50 200.50 201.50 236.00	\$203.50 219.50 230.50 230.50 244.00 278.00 302.00 328.00 347.00 377.50 411.50 448.50	\$235.00 254.50 271.00 292.50 331.50 363.00 366.00 413.00 446.00 482.00 539.00	\$87.50 90.50 96.00 102.00 109.00 133.50 144.00 186.00 190.50 190.50 223.00	\$75.00 78.00 82.50 87.50 96.00 109.00 128.50 144.50 165.00 176.50	\$196.50 214.50 228.00 237.50 273.50 294.00	\$245.00 221.50 280.50 331.50 380.00	\$109.00 114.50 123.00 127.50 142.00 152.00 163.50 187.50	\$82.00 87.50 92.00 97.50 107.00 115.00 133.50 158.00 174.50 	\$20+ 00 221 00 231 50 246 00 279.50 305.00	\$237.00 258.50 271.00 293.00 330.50 362.50
Northeast 1967 1968	91 00 93 50	79 50 83 50		<u> </u>	86.50 88.00	73 00 /6 00	=	-	112.00 119.50	82.00 86.00	_	_
1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1979	99 50 105 50 112.00 124 50 138.00 151.00 180.50 199 50 216 00 218 50 4.29.50	87 50 94 50 107 00 120 00 129 50 140 00 159 00 184 00 183 00 200 50 208 50 222 50	210.50 232.50 243.5 / 263.50 297.50 327.00 358.50 373.00 407.50 441.00	244.00 265.50 291.50 310.00 353.50	93.50 100.00 105.50 117.50 132.00 144.60 173.00 191.00 211.00 215.50	82.50 88.50 107.50 118.50 1.17.50 138.50 146.50 183.50 205.00		111111111111111111111111111111111111111	127.50 131.00 144.50 153.50 168.00 172.50 202.50 225.00 235.50 229.00 252.50	99.00 99.00 112.00 121.50 131.00 141.00 164.50 185.00 185.00 203.00 207.50	215.50 233.50 247.00 268.50 298.50 329.00	249.50 272.00 293.00 312.00 353.50 386.50
<b>South</b> 1967	86 00	74.50	_	_	86.00	70.00			102.50	77.00	<del>-</del>	
1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980	91 50 98.00 102.00 110 00 120 50 131 00 139 50 161 00 171 50 200 50 215 50	93 00 101 00 110 50 120 50 139 00 153 50 162 50	201 50 214 50 214 50 221.00 234.50 261 50 381 50 330.00 330.00 362 50 391 50 425 50	216.50 236.00 297.50 329.00 347.00 369.50 414.50 527.50	89 50 95 00 99 50 107 00 118 00 128 50 138 00 159 50 168 00 187 00 199 50 211 50	73.50 ————————————————————————————————————			106.50 115.00 120.00 132.00 140.00 150.00 150.50	81.00 87.00 89.50 96.00 103.50 113 00 122.50 142.50 157.50 186.00 201.50	215.50 221.50 239.00 262.50 289.50 314.00 335.00 369.00 403.00 433.50	327.50 346.50 346.50 410.50 440.50
North Central 1967 :	91 50 95 50	84 00 : 87 50 :	_ : :		86 00 - 91 50 :	78.50 79.50	_	<u>-</u>	109.00 114.00	89.50 96.00	-	
1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1979	100 50 108 00 117 00 129 50 139 00 147 00 171 50 185 50 218 00 235 50	92 50 97 50	197 50 213 00 224 50 234 00 272 50 294 00 315 50 334 00 363 50 401 00	511 00	97 50 105 00 112 50 125 00 135 00 144 50 169 50 193 50 193 50 213 50 227 00	85.50 90.50 97.00 108.00 118.00 131.50 154.00 170.00	263 00 288 50 	349.00	122.50 126.50 126.50 166.00 176.00 177.50 191.00 204.00	100.00 105.50 114.50 123.00 133.50 141.50 188.00 186.50	199.00 214.00 224.50 236.50 276.00 296.50 317.50 330.50	233.00 252.00 261.50 290.00 338.50 381.50
West 1967 1968 1969 1970 1971 1972 1973 1974 1975	96 00 97 50 101 50 107 50 117 00 129 00 143 50 154 50	89 50 93 00 99 50 111 00 116 50 124 00 149 50	204 50 222 00 245 50	323 00	93 00 95 00 99 00 105 50 115 00 127 50 142 00 153 50 184 00				118.50	- - - - - - -	- - - -	
1976 1977 1978 1979 1980 1981	192 50 215 50 234 00 253 00	166 50 177 00 185 00 194 00 230 50	346 50   378 00 413 00		185.00   	_   _   _	-   -   -		- - - - -	- - - -		479 00



Table 101. Average earnings <sup>1</sup> for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967–81—Continued

		All w	orkers			Wo	men			М	en	
l <b>te</b> rn	Accounting clerks, class B 2	Messen- gers	Computer program- mers, class B <sup>a</sup>	Systems analysts, class B <sup>3</sup>	Account- ing clerks, class B 2	Messen- gers	Computer program- mers, class B <sup>3</sup>	Systems analysts, class B <sup>3</sup>	Accounting clerks.	Messen- gers	Computer program- mers, class B <sup>3</sup>	Systems analysts, class B <sup>3</sup>
WHOLESALE TRADE												
All metropolitan areas												
967 968		\$69.50 75.00	_	=	\$83.50 87.50	\$67.50 72.50	_	_	\$103.00 107.50	\$71.00 77.00	=	-
969 970	96.50	79.00 86.00	_	_	93.00 99.00	76.00 81.00	=	=	113.50 123.00	81.50 89.50	_	=
971	109.00	91.00	\$182.00	\$230.50	106.00	85.50	_	_	132.50	96.00	\$186.00	\$231.00
972 973	114.00 117.00	98.00 102.00	196.50 204.00	253.00 267.50	110.50 114.00	93.00 95.50	\$179.00 192.00	_	137.50 140.00	102.00 107.00	200.50 206.50	255.00 269.00
974 975	122.00 134.00	108.50 123.50	215.00 232.50	271.50 287.50	120.00 132.50	101.50 118.00	210.00	=	141.00 151.00	114.50 127.50	216.50 239.00	274.50 293.50
976	144.00	133.00	249.50	310.50	142.50	129.50	226 90	_	164.50	136.50	257.50	313.00
977 978	162.00	142.00 152.00	269.00 263.00	333.00 354.50	150.00 161.50	138.00 149.00	259.01 264.50	\$329.50	173.00 176.50	148.00 156.50	270.50 288.50	336.50 362.00
979 960	174.50	164.00 172.50	303.00 353.00	395.50 437.00	173.50	159.50 170.00	290.00 336.00	363.50 397.50	200.50	172.00 180.00	309.00 358.00	403.00 449.50
981	=	183.50	385.00	474.50	_	181.00	370.50	453.00	_	161.50	390.00	483.0
Northeast												
967 968	85.00 90.00	70.50 74.00	_	=	80.00 85.00	_	=	_	100.00 106.50	70.50 75.00	Ξ	_
69	95.50	79.50	_	-	90.00	_	_	_	112.00	<b>6</b> 0.50 (	-	_
970 971	111.00	90.50 96.00	187.50	=	101.00 107.00	=	_	_	122.00 133.00	91.50 97.50	205.00	-
972 973	117.00 119.50	102.50 107.50	203.00 218.00	=	112.50 115.50	_	=	=	139.00 141.00	104.50 109.50	219.00 222.00	] =
374	125.50	114.50	227.00	-	122.00	_		_	146.00	117.00	232.50	<b> </b> -
)75 )76	128.00 141.50	123.50 133.00	245.50 264.50	=	126.50 139.00	=	_	· <u>-</u>	153.00 173.00	125.00 135.00	263.50 273.00	=
977 978		140.00 142.00	279.50 270.50	=	148.00 159.00	_		=	167.50	141.50	285.50	=
979	166.50	151.50	288.00	_	166.00	_	_	_	_	-	307.50	i -
980 981	_ =	_	331.00 379.00	467.00	=		Ξ	=	=	_	385.00	=
South												
967		66.50		_	85.00	65.00	_	_	101.00	68.00		_
968 969	92.00 95.00	72.50 77.50	=	_	88.00 91.50	_	_	_	104.50 108.50	74.50 80.00	Ξ	=
970 971	99.50	61.50 86.50	170.50	_	96.50 100.50	-	_	_	116.00 123.50	83.50 91.00	_	-
972	107.50	93.00	180.00		104.50	89.50	_	_	128.0°	95.50	184.00	-
373 374	113.50	95.00 104.00	186.50 198.00	_	107.00 112.00	_	=	=	128.00 131.50	97.00 106.00	190.00 200.50	
975 976	132.50	124.50 134.00	218.00 234.00	290.50 301.00	131.50 140.00	_	=	_	147.50 162.50	132.00	228.50 248.50	295.0 304.5
977	149.00	141.00	250.50	323.50	147.50	-	_	_	169.50	_	252.50 281.00	327.0
978 979	171 00	152.00 165.00	277.50 306.50	_	156.00 169.50	=	=	=	169.00	=	309.50	_
980 981	=	171.50 178.50	374.00 393.50	484.00		162.50	_	_	_		378.50 401.50	
North Central				10 1.00								
967		68.50	_	_	82.00	67.00	_	_	106.50	71.50	-	_
968 969	91.00 96.00	75.00 78.50	_	_	86.00 92.00	73.00 78.00	_	_	110.50 121.00	79.00 83.50	_	_
970 971		84.00 88.50	183.00	=	97,50 · 105,50	80.00 83.50		=	131.00 139.00	69.00	181.50	_
972	114.50	€6.00	207.50	209.50	111.00	92.50	_	_	142.50	-	208.50	271.50 286.50
973		100.50 106.50	211.50 222.00	283.00 276.00	115.50 121.50	94.00 101.00	=	=	141.00 138.50	=	211.50 220.50	-
9 <b>75</b>		123.50 131.50	232.50 248.50	276.00 310.00	137.00 146.50	117.50 126.50	<del>-</del>		157.00 178.00	_	230.50 250.50	280.0 310.5
977	151 50	143.00	272.00	337.50	149.50	137.00			192.50	_	271.50 294.50	345.5 373.5
976 979	182.50 174.00	152.50 164.50	291 50 312.50	356.00 417.00	162.00 173.50	145.00 159.00		= :	_		320.00	436.0
980 981	=	1¢8.50 189 00	344.00 374.50	448.50 471.50	_	165.50	_	=	_		345.50 380.00	465.0 461.0
West			0								•	
967	92.00 97.50	75.50 79.50		_	90.50 95.50	_	_		_		<del>-</del>	<u>-</u>
69	1 3.00	81.50	=	_	101.60		_	-	-	-1	•	=
970 971	104.50	87.50 91.50	184.00	=	103.50 114.50	_	_	=	_	-	_	=
97 <b>2</b> 973	118.50 126.00	97.50 105.50	205 00	_	117 00 123.00	_			_	_	=	_
74	129 00	108 00	_	-	127 50	!			_	=		-
975 976	137 00 146 00	121.00	232.50 260.00	=	136.50 14 <b>6</b> 00	_	_	Ξ	_	_		=
977 978	1	_	276.00 286.00	_	158.50 169.00	_		=	=	_	278 50	_
379	186.00	_	300 00	_	183.50	]	-				<u> </u>	-
980	·	- 1			-	_	-	_	-		-	-



Table 101. Average earnings <sup>1</sup> for selected office occupations in all metropolisan areas by sex, industry division, and region, 1967–81—Continued

		All w	orkers			Wo	men			<u>,</u>	len	ŗ
ltem	Accounting clarks, class B 2	Messan- gers	Computer program- mers, class B <sup>3</sup>	Systems analysts, class B <sup>3</sup>	Accounting clerks, class B <sup>3</sup>	Messen- gers	Computer program- mers, class B <sup>3</sup>	Systems analysta class E	Acre national region for the second s	Messen- gers	Computer program- mers. class B 3	Systems analysts class B
RETAIL TRADE All metropolitan												! !
967 968 969 970 971 972 973 974 975 976 977 978 979 980	85.00 90.50 95.50 100.50 110.00 121.50 129.50 140.00 151.00	\$65.50 71.50 76.00 82.00 87.50 96.00 101.50 115.00 133.00 143.50 152.50 169.50	\$186.00 193.50 203.00 218.00 241.00 256.50 268.00 285.00 309.50 333.50 364.50	\$228.50 241.50 252.50 262.50 307.50 318.00 326.00 344.50 366.50 407.00 439.50	\$75.50 80.00 84.50 90.00 95.50 100.50 104.50 109.50 121.00 129.00 139.00 151.00	\$84.50 71.00 74.50 79.50 86.50 91.00 101.50 113.50 122.00 122.00			\$84.50 90.50 96.00 99.50 103.50 111.50 123.50 129.00 136.00 ———————————————————————————————————	\$87 00 73 50 78.50 85.00 89.00 94.00 101 50 117.50 124.50 135.00 146.00	\$187 00 195 00 203 50 218 00 240 00 255 00 266.00 285.50	\$2280 241.5 253.5 262.5 307.5 331.0 343.0
Northeast 967	. 75.00 ·	64.50			74.50	64 50				65.00		
968	79.50 84.00 90.50 95.00 100.50 105,00 107.00	91.00 91.00 91.00 95.50 98.00 113.00 113.00	191.50 200.00 221.00 235.00 		74.50 79.00 83.00 90.00 94.50 100.00 104.50 116.50 122.00 126.50 138.00 146.00	69.50 74.50 ————————————————————————————————————			99.50	77 00 84.50 ————————————————————————————————————	219 50	
947	96.50	63 00 68.50 73 00 75 50 85.50 90 00 118.50 121 50 130 00 139.00 150 00 178.00	191 00 204 00 248.00 255.50 273.00 300 50 315.50 315.50		72.00 76.00 80.00 84.50 90.00 96.50 100.50 108.00 119.50 126.50 132.50 144.00 153.00	62.50 68.00 	111111111111111111111111111111111111111	111111111111111111111111111111111111111	130.00 148.00		247 00 258 00 303 00 324 00 361 00	
North C ntrai 967	75 00	65 50	_	_	75.00	63.50		_	_	_	_	: : -
968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1980 1980	80 00 85 50 91 00 96 50 99 00 105 50 110 00 119 00 128 50 142 00 151 00 162 00	71 50 77 00 82 50 89 00 94 50 97 00 112 50 120 50 124 00 138 00 148 50 162 00 175 00	218 50 228 00 249 00 275 50 285 50 313 50 341 00 379 50	381 00 380 50 403 50 432 00	80.00 85.50 91.00 98.00 98.00 105.61 110.00 119.00 128.00 141.50 158.00	91.50 95.00 100.50 111.00 121.7/ 138.50			151 00		231 50 247 00 268 00 271 00 280 00	
West 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1978 1978 1980	84 50 89 50 1 93 00 1 99 00 1 110 00 1 112 00 1 134 00 1 145 50 1 162 00 1 175 00 1 193 00	_   _			84.50 89.00 93.00 99.00 104.00 112.00 116.00 134.00 144.50 159.00 175.50 194.00		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		175 50			



Table 101. Average earnings <sup>1</sup> for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967-81—Continued

	!	All w	orkers			Wo	men		· ————	M	en	,
	Account- ing clerks, class B <sup>2</sup>	Messen- gers	Computer program- mers, class B 1	Systems analysts, class B <sup>s</sup>	Account- ing clerks, class B <sup>2</sup>	Micasoli.	Computer program- mers. class B 3	Systems analysts, class B	Accounting clerks, class B 2	Messen- gers	Computer program- mers, class B 1	Systems analysts, class B <sup>3</sup>
FINANCE, IN- SURANCE, AND REAL ESTATE All metropolitan	1							•.				
erene	110 00	\$65 50 70.50 75 50 81 00 85 00 98 00 199.00 115.50 123.00 130.50 141.00 154.00	\$179 50 188 00 198 50 206 50 227 00 238 50 257 00 272 00 292 50 321 50 354 00	\$224.00 237.50 240.50 259.00 289.00 307.00 325.50 352.00 411.50 453.50	\$74.50 79.50 84.50 89.50 94.50 102.50 109.00 121.50 139.00 146.00 160.00	\$64.00 68.50 73.00 77.50 80.50 84.50 87.50 92.50 103.00 109.50 116.50 125.00 137.00 150.50	\$175.00 184.00 190.50 199.00 220.50 229.50 248.50 263.00 284.00 311.50		\$85.00 92.00 98.00 109.50 115.00 120.00 124.50 144.00 151.00	\$67 LO 72 50 78.00 84.00 88.00 92 00 95 50 102 00 121.00 128.00 135.00 14 50 159.50	\$181 00 189.00 197.00 209 00 229.00 242.00 259.00 274 50 295.00 325.00 358.50	\$225.00 239.00 242.50 260.50 392.50 392.50 324.00 375.50 413.50
Northeast 1967 1968 9969 970 1971 972 973 974 9975 1976 1977 1978 1979	90.00 98.50 102.50 105.00 109.50 115.50 130.50 148.00 152.00	68 00 73.00 78.00 83.50 88.00 97.00 102.00 114 50 121 50 126 50 130.50 138.50	191 50 200.50 208.50 220 7, 234.00 244.00 260.50 270.50 289.50 322.00 360.00	243.50 254.00 256.50 277.00 303.50 325.50 340.50 365.50 381.50 415.00	75 50 81 50 88 00 95 00 99 00 102 50 106 50 112 50 127 00 134 00 148 00 151 50	67 00 71 50 76 00 81 50 85 00 90 50 98 50 106 00 112 50 119 00 126 00 131 50 146 00 181 50	188 50 199 50 211 50 219 00 231 00 237 00 250 50 265 50 288 00 316 50	241.00 248.00 264.00 293.00	84 00 94.00 99.50 113.50 117.50 119.00 124.00 129.50 149.00 157.00 160.50 157.00	68.50 74.00 80.00 85.50 69.50 94.50 99.50 120.50 126.50 134.00 141.00 153.50 166.50	193.00 201.50 207.50 227.50 228.50 246.50 263.50 263.50 271.50 289.00 324.50	246.00 259.00 251.50 306.00 321.50 335.00 331.50 376.50 412.00 448.60
8outh  1967 1968 1970 1971 1972 1973 1975 1976 1976 1977 1978 1979 1980	89 50 94.00 99 00 105 00	60.00 65.00 69.5. 74.50 78.50 62.50 87.00 110.00 110.00 124.00 137.50 157.50	163.00 175.00 184.50 193.00 215.00 227.00 248.00 248.00 266.50 308.50 308.50	211.50 225.00 228.00 228.00 245.00 275.00 312.50 345.00 367.00 401.00 448.00	70.50 74.50 79.50 85.00 88.50 93.00 98.00 104.50 116.50 125.50 134.00 143.00	57 50 63.00 67.00 71.00 75.00 77.50 83.50 88.50 100.50 105.50 116.00 114.50 128.00 143.00	155.00 165.00 171 50 182 00 204 50 217.50 240 258.5 271 50 265 50 337 00	304.00	79.00 85.50 92.50 99.00 112.50 116.50 122.50 140.50 143.00	61.50 68.50 71.50 61.50 85.50 88.50 93.50 105.50 119.50 131.00 147.00 157.50	166 00 178 50 189 00 218 00 231 00 230 00 270 50 284 00 313 50 348 00	211.00 225.56 229.50 246.60 274.00 296.00 314.50 348.05 405.50 405.50
North Central 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1980 1981	75 00 80 00 85 50 95 50 99 50 104 00 110 00 122 00 130 50 146 50	137 50 148 50	266 00	208.50 222.50 229.00 252.50 279.50 291.00 318.50 343.00 368.50 406.50	74.50 79.50 85.00 89.50 99.50 103.50 110.00 122.00 130.00 147.00 159.50	63 50 68 50 73 00 76 50 79 50 83 00 85 50 92 00 101 50 115 00 123 50 145 50 157 00	170,50 174,50 176,00 188,50 216,00 228,50 251,00 261,50 286,50 286,50 313,00 339,00	308 50 338 50 361 00	112 00 149 00	87 50 73 50 80 00 85 00 90 00 92 00 94 00 103 50 110 50 116 00 123 00 130 00 140 50 152 50 169 00	177 50 :82 59 189 00 202 00 228 50 239 50 253 50 266 00 300 00 321 50 358 00	209.00 224.00 231.00 253.05 292.55 321.55 370.55 413.00 453.00
West  1967 1968 1969 1970 1971 1972 1974 1975 1976 1977 1978 1978 1978 1986	82 00 88 00 89 00 93 00 100 50 105 00 108 50 114 50 125 00 132 00 140 00 154 00 169 00	73 00 77 00 84 50 88 00 91 00 94 50 101 50 111 00 119 50	183 00 191 00 199 50 14 50 243 50 254 00 272 00	215 00 225 00 226 50 226 50 2279 50 279 50 279 50 312 50 312 50 334 \times	188 50	79 50 80.50 82 50 87 50 93 00 115 50 116 50			;	132 00 1 181 50 177 00	241 00 257.00 278 00 308 50 320 00 353 50	215.00 227.50 239.50 239.50 247.00 310.50 341.50



Table 101. Average earnings <sup>1</sup> for selected office occupations in all metropolitan areas by sex, industry division, and region, 1967–81—Continued

ĺ		Ali w	orkers	····	<u></u>	Wo	men	<b>,</b>	ļ •	M	len	•
ltem	Accounting clerks, class B <sup>2</sup>	Messen- gers	Computer program- mers, class B <sup>3</sup>	Systems analysts, class B <sup>a</sup>	Account- ing clerks, class B 2	Gera Gera	Computer programmers, class B 3	Systems analysts. class B	Accounting clerks, class B 2	Messen- gers	Computer program- mers, class B <sup>3</sup>	Systems analysts class B
SELECTED SERVICES All metropolitan areas			,									! :
67	87 00 91.50 98 50 103 50 108.00 112.50 117.50 131 50 140 50	\$70 50 74.50 79.50 86 00 93 00 96.00 99 00 104.50 120 50 127 00 136 00	\$190.00 198.50 209.00 213.00 227.00 245.00 256.50	\$252 00 255.50 284.50 272 50 289.50 309.00 333.50	\$82 50 86 50 91.00 97.50 102.50 107.00 111.50 130.00 139.00 147.00	\$69 00 73.50 77,00 82.50 90 00 91 50 94.00 97.00 116 00 121.00 133.00	\$190 00 196 00 204.50 214.00 228 50 250 50	\$261.00 280.00 303.50 320.50	\$86.50 94.00 97.50 110.50 114.50 124.00 136.00 151.00 160.50	\$71 00 74,50 80 50 87.50 94.50 97.50 101 00 107.50 122.00 128.50 137 00	\$190 50 200 50 213 00 215 00 230 50 250 50	\$253.5 257.0 267.5 275.0 291.5 310.5
178		141 00 150 00 161 00 177 50	278.50 298.00 320.00 350.00	350 50 376.50 420.00 456.50	157 00 171 50 —	139.00 146.00 160.50 179.50	271.00 293.00 304.50 344.00	331.50 406.00 439.50	169 00 183.50 —	142.00 151.00 161.00 176.50	280 00 299.50 327.00 331,50	354 ( 383.0 423.5 461.5
967 968 979 971 972 973 974 975 976 977 978 979 980 980 981 981 981 983 984 985 986 987 988		86.00 72.50 78.50 86.00 94.00 97.00 107.00 118.50 124.50 131.00 132.50 149.00 165.00	195.00 203.50 225.00 227.50 242.50 250.50 254.00 272.50 292.50 323.00 358.50	263 00 269 00 297 50 325.50 326.00 339 50 347.00 371.00 407.00 447.00	82.00 87.00 92:05 109.50 117:00 122:00 127:00 137:00 145:00 155:00 151:50 161:50	72.00 83.00 89.00 94.50 98.50 145.50 171.50		429.50	122.00 150.50 155.00 155.00 160.50	68 00 72.50 79.00 87 00 95.00 98 00 109.00 120 00 125 50 132 00 138 00 163.50	195 50 206 50 229 50 244 50 258 00 273 50 290 00 326 50 361 50	264 0 269 0 298.5 328.5 348.5 351.0 374.5 413.5 454.5
\$outh	75 00 79 50 84 00 90 00 95 00 98 00 108 00 112 00 125 30 135 30 142 00 153 00	64.50 68.00 73.50 60.50 87.50 90.50 102.00 126.50 131.00 141.50 146.00 159.00 170.50 180.50	183.50 186.00 197.00 203.00 216.00 241.00 258.00 283.00 296.50 309.00 338.50	245.00 247.00 269.00 283.00 318.00 318.00 360.00 371.00 403.50 446.50	74.50 78.50 83.00 88.50 94.50 97.00 105.50 111.00 124.50 135.00 152.00	:	225 00 278.50 306 50 297 00 331.00	- - - - -	184 50	67.50 73.50 89.00 92.50 98.00 103.50 127.50 133.50 151.00 163.00 176.50	182 50 187 50 199 50 203 50 220 00 246 50 258 50 293 50 316 00 340 50	248.5 248.0 264.0 273.0 321.0 353.0 364.5 381.0 406.5 449.0
North Central 67 68 69 70 71 72 73 74 75 76 77 78 79	83 00 87 00 91 00 102 00 106 50 112 50 124 00 133 50 153 00 163 50	72 50 77 00 81 50 87 50 93 50 96 50 99 50 115 50 119 50 127 00 135 00 143 50 153 50 169 50	190 00 197 00 211 50 224 50 240 00 250 00 266 00 300 00 322 00 337 00	241 00 262 50 284 50 294 00 329 50 329 50 346 50 466 50	83 00 96 50 91 00 98 00 101 50 106 50 112 00 123 50 142 50 153 00 163 00	68 00 78 00 79 00 84 00 93 50 99 50 114 50 117 00 125 50 134 50	255 00 269 50 298 00 333 00	- 1		74 50 77 50 83 50 90 00 93 50 106 50 116 00 121 50 135 50 145 00 165 00	192 50 202 00 216 00 230 00 246 50 252 00 272 00 313 00 332 50 339 50	293 5 303 5
West  West  967  968  970  971  972  973  974  975  976  977  977  977  978  979  981	93 00 96 00 99 50 105 50 112 00 114 00 117 50 144 00 156 50 169 00 205 50	80 50 84 50 91 00 91 00 99 60 102 00 128 00 140 50 157 00 178 00 194 50 211 50 235 50	226 00 232 50 248 50 281 00 271.50 303 50 318 50 349 50 395 50	265 00 278 00 299 00 330 50 361 00 405 00 428 00 475 00	92 50 95 50 99 00 104 50 113 50 116 50 139 00 149 00 162 50 181 00 201 00				162 00	82 50 88 00 92 50 102 50 131 00 156 00 186 00 207 50	226 00 234 00 	267 5 282 0 298 5 26 0 413 5 427 5

Earnings relate to regular straight-time salaries paid for standard work-weeks. Data are derived by statistically combining average earnings from surveys conducted annually in selected Standard Metropolitan Statistical Areas (SMSAIS) Earnings for these and other occupal inside available for the SNSAIS Surveyed. Because the surveys are conducted at various limes throughout the year, combined data relate to an average payroll month of reference. For 1975 and subsequent years, data relate to July (individual area data were combined on a calendar year basis). Before 1975, data relate to February (individual area data were combined on a fiscal year—July through June—basis).

NOTE: Dashes indicate data not available



 $<sup>^2</sup>$  A revised 4-level occupational description for accounting clerks was introduced in 1980. Individual level data are not comparable with the previous 2-level description.

 $<sup>^3</sup>$  Beginning in 1981, multilevel jobs were indentified by num iric instead of alphabetic designations. This job is comparable to the current level II definition.

Table 102. Percent increases in average straight-time hourly earnings,  $^1$  selected occupational groups in metropolitan areas, 1977–82  $^2$ 

	! 				_	Office C	lerical 3					
Region and area	·		All indi	ustries	-	;		·	Manufa	cturing		
•	1977	1978	1979	1980	1981	1982	1977	1978	1979	1980	1981	1982
Northeast								1			,	
Albany-Schenectady-Troy	5.8	6.5	9.4	9.7	88	8.7	(4)	(4)	(4)	(4)	(4)	(*)
Boston	6.4	6.0	7.9	9.2	11.1	8.0			8.3	10.0	10.3	8.0
Buffalo		8.5	8.5	9.4	77	7.6	8.0	9.9	9.4	10.2	7.2	7.6
Hartford		5.6	6.5	8.6	7.6	7.9	6.5	5.7	5.5	8.3	7.4	7.1
Nassau-Suffolk	1 .	5.0	6.9	8.8	10.0	7.2	6.5	5.8	6.9	10.8	11.8	7.5
Newark	'	7.3	7.3	8.3	92	9.4	6.5	8.4	7.9	8.9	8.5	9.9
New York		5.8	6.1	7.5	9.5	9.2	7.1	6.4	6.7	8.0	9.0	9.4
Northeast Pennsylvania	7.4	6.8	6.1	8.9	9.1		85	7.0	7.0	8.8	9.2	8.6
Paterson-Clifton-Passaic	6.6	6.0	6.7	7.8	8.9	9.1	7.6	6.3	7.5	7.1	8.8	9.4
Philadelphia	7.1	6.7	7.9	9.3	9.7	6.9	8.7	7.0	8.4	9.4	10.0	6.6
Pittsburgh	8.0	7.7	8.4	9.5	9.8	9,9	8.5	8.4	9.6	10.4	10.8	10.5
Portland	'	8.2	10.5	92	10.6	7.8	(4)	(4)	(4)	(*)	(4)	(4)
Poughkeepsie	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(*)	(4)	(4)	(4)
Providence-Warwick-Pawtucket	6.7	7.7	7.4	8.8	9.6	9.0	7.0	7.9	6.4	8.6	9.6	9.1
Trenton	6.7	9.1	8.1	8.3	9.2	8.0	7.9	8.9	7.9	8.6	9.2	(4)
Worcester	6.8	7.2	7.1	9.0	9.5	8.6	6.5	6.8	7.8	(*)	! (4)	(4)
York	6.8	8.8	7.8	9.2	9.6	9.2	6.4	9.4	8.0	9.4	10.0	10.2
South						]		! }	1	1		
Atlanta	6.8	6.5	7.0	9.4	11.0	8.7	6.7	(4)	(4)	(4)	(4)	(4)
Baltimore		8.1	8.1	-	11.4	8.3	6.4	10.4	7.7	8.9	10.6	7.1
Birmingham	1	7.0	(4)	(4)	(4)	(4)	7.1	7.3	(4)	(4)	(4)	(4)
Chattanooga	i	6.5	7.8	9.2	11.2	8.6	8.6	7.5	(4)	(4)	(4)	(4)
	1	(4)	(4)	11.4	12.2	9.3	(4)	(4)	(*)	(4)	(4)	(*)
Corpus Christi	1	7.5	9.3	13.4	10.3	7.8	74	7.1	8.5	11.2	11.7	6.9
Dallas-Fort Worth	1	(4)	(4)	(4)	(4)	(1)	(4)	(4)	(4)	(4)	(4)	(*)
Daytona Beach	( :.:	(6)	(4)	(•)	(*)	· (4)	(4)	(4)	(4)	(4)	(1)	(4)
Gainesville		6.2	9.5	10.8	99	7.3	9.9	5.2	9.5	8.3	10.8	7.4
Greensboro-Winston-Salem-High Point		8.0	7.0	9.1	9.8	10.9	8.5	8.3	6.8	9.7	9.7	10.8
Greenville-Spartanburg	1	9.1	8.6	11.3	11.1	9.9	8.1	8.8	7.8	9.5	10.6	10.4
Houston	1	8.1	(4)	(4)	10.8	70		(4)	(4)	(4)	(4)	(*)
Huntsville	1	1		8.9	9.0	11.7	! (4)	(4)	(6)	(4)	(6)	(4)
Jackson	:	6.9	8.7		10.0	8.2		l (4)	(4)	(4)	(4)	(*)
Jacksonville		7.8	8.6	9.4	! 8.8	7.6			9.6	11.2	9.1	(*
Louisville	i	7.9	9.8	10.9	8.0	60	7.5	8.1	8.5	8.1	8.7	(*)
Memphis		9.1	8.4	9.2 9.5	100		(1)	į (*)		(4)	(4)	•
Miami		5.3	9.1 9.7	9.5	. 9.8	9.1	(4)	! (4)	ı (*)	(6)	(4)	(4)
New Orleans		7.1		_	. 8.4	63	(6)	(*)	•	(4)	· (6)	(*)
Norfolk-Virginia Beach-Portsmouth		7.7	8.1	12.8	11.2	9.7	6.7	76	8.5	12.8	10.6	(4)
Oklahoma City	'		9.4			: 86	7.2		8.9	1 (4)	(4)	8.6
Richmond	' -	6.9	8.0	8.6	10.2	8.4	(4)		(4)		ં લેં	(4
San Antonio	:	7.8	8.5	11.0	9.1							
Washington	.! 7.0	7.9	6.2	•	. <del>9</del> . i	; 07	. (7	, (	; · · /	! ''	! ',	1
North Central	;		;	ı				i	1		1	i
Akron,	8.3	8.8	(4)	(1)	(4)	(*)	9.1		(4)	(4)		(1
Canton		i 7.6	1 (4)	(4)	(4)	· (4)	(4)	7.6		(1)	(4)	(4
Chicago	, 80	7.1	7.3	10.2	9.7	: 89	8 1	7.5	1	99		8.8
Cincinnati		6.9	. 8.5	9.3	9 6	9 5		:		9.7		1
Cleverand		7.6		10 1	98	75	; 70			120		8.3
Columbus		6.8	76	99	36	73	. 71	•	7.8	10.7		1
Davenport-Rock Island-Moline	91	11 2	10 9	9.7	12 5	102	8 9		_	10.8		(4
Dayton	66	. 7.5	78	9 7	6 7	5.4	6 6	7.4		1	8.2	
Detroit	. 76	6.5	8.3	10.2	9.7	76	7 9	5 9		11.7		
Green Bay	7.1	7.8	9.3	104	(4)	(4)	. (4)	(4)			(1)	
Indianapolis	. 70	6 4	9 2	93	7.5	8 4	7 5	58	11.9			·
Kansas City	. 64	8 8	77	9 1	9 5	90	7.1	7.2	8 6	9 8	83	
Milwaukee	. 72	7.8	7 2	8 9	10 4	93	79	62	7 4	86	11.3	•
Minncapolis-St Paul	. 79	80	8 6	9 1	116	9 2	8 1	7 1	8.7	80	116	
Omaha	. 79	7.4	91	10 7	8 2	99	(4)	(4)	· (4)	i (4)	(1)	
Sagnaw	67	9.4	94	96	(1)	(4)	(i)	(1)			(4)	
oughtaw		6.9	80	103	96	91	67	64	86	10 4	102	. 8.
St. Louis												
St Louis	69 80						8 5	8 4	8 7	(4)	(4)	· (4
St Louis South Bend Toledo	80 68	8 8 9 4	8 6 7 0	10 6 10 7	8 6 11 5	7 2 7 2	8 5 7 5	8 4 8 9	8 7 6.2	(¹) - 11 4	(4) 13 0	



Table 102. Percent increases in average straight-time hourly earnings,¹ selected occupational groups in metropolitan areas, 1977–82 ²—Continued

	L					Office of	clerical 3					
Region and area			All ind	ustries					Manufa	acturing		
	1977	1978	1979	1960	1981	1982	1977	1978	1979	1980	1981	1982
West		•										
Anaheim-Santa Ana-Garden Grove	77	8.6	8.8	9.7	10.2	8.2	7.5	7.9	9.3	9.4	10.5	9.
Wilings	8.1	7.6	9.0	9.5	12.2	8.2	(4)	(4)	(4)	(4)	(4)	l c
Penver-Boulder		7.8	10.2	10.8	10.0	8.2	8.7	(4)	(4)	10.7	8.5	6.
resnoos Angeles-Long Beach	8.7	6.8	6.8	7.5	6.8	(1)	(4)	(4)	(4)	(*)	(4)	(
orland	. 7.4 . 9.2	7.8 8.5	9.8. 8.5	9.0 9.8	11.1 9.9	8.2 8.1	7.2	6.9 (4)	9.7 (*)	9.6 (*)	11.1	8.
acramento	8.8	6.9	9.1	9.2	9.5	7.4	(4) (4)	(4)	(6)	(4)	(6)	1
alt Lake City-Ogden	7.4	8.2	9.4	11.5	9.8	7.3	7.4	9.1	9.9	10.5	9.1	8
an Diego		7.9	7.3	12.0	9.8	7.9	5.8	7.7	8.9	12.7	5.8	7.
n Francisco-Oakland	. 8.7	6.9	8.3	9.9	10.8	10.0	8.9	7.7	7.7	11.3	10.0	1 7'
ın Jose	7.4	7.2	7.3	9.2	11.3	10.5	8.0	6.8	8.4	8.2	11.7	10
eattle-Everett	. 8.1	9.6	9.3	9.3	11.5	9.1	(4)	(4)	(4)	(4)	(4)	1 (
		-			Elect	ronic date	a process	ilna #				<del></del>
			All ind	ustries					Manufa	cturing		
	1977	1978	1979	1980	1981	1982	1977	1978	1979	1980	1981	1932
Northeast				-								
bany-Schenectady-Troy	. (4)	(4)	9.8	8.9	10.7	11.3	(*)	(4)	(*)	(*)	(4)	(
oston		8.7	8.0	8.7	10.9	8.1	5.9	7.7	7.9	9.3	11.1	7
<i>if</i> falo		6.3	8.5	10.4	7.2	8.2	7.3	7.4	9.0	9.7	6.5	8.
vrtford	. 5.3	7.3	6.3	9.5	9.2	7.6	(4)	(4)	8.1	10.1	(4)	(
essau-Suffolk	. 5.1	5.7	9.4	9.5	10.0	7.2	(4)	(4)	(4)	(4)	(4)	6.
ewark	. 5.1	8.4	6.9	7.7	8.2	10.2	5.3	7.8	6.8	7.4	9.8	8.
ew York	5.8	5.3	5.5	8.7	10.3	7.4	8.6	6.3	6.0	9.4	9.0	8.
ortheast Pennsylvania aterson-Clifton-Passaic	1 , ,	8.2	6.4	10.1	8.2	11.0	(4)	(4)	(4)	(*)	(4)	(
niladelphia		7.9 8.2	8.4 8.1	8.0	10.2	9.4	(1)	7.4	(4)	(1)	(4)	(
tsburgh	8.4	7.8	8.2	9.4 9.2	8.8 7.8	8.0 9.9	8.1 10.4	6.7 7.9	7.7 8.1	8.2 10.6	9.3 8.1	6. 10.
xtland	(1)	12.8	6.9	10.1	8.4	7.5	10.4 (4)	(*)	(°)	(4)	( <del>1</del> )	10.
oughkeepsie	(•)	(*)	(4)	(4)	(4)	(1)	(4)	(4)	(4)	(4)	(4)	i
ovidence-Warwick-Pawtucket		7.2	7.7	9.6	7.9	9.2	(4)	(4)	(4)	(+)	(4)	10
enton	7.2	2.7	7.3	9.2	10.9	7.4	(4)	(4)	(4)	(4)	(4)	(
orcester	5.9	11.0	8.1	12.3	6.5	9.1	(4)	(4)	(4)	(4)	(4)	i
YK	. (4)	(*)	8.3	8.0	11.1	10.0	(4)	(4)	(4)	(4)	(4)	C
South	7.0						40	44.	445	40.	445	
lanta		9.4 7.8	8.2 7.7	7.0 9.8	13.8 8.4	8.8 8.9	( <sup>4</sup> ) 7.1		(4)	(4)	(1)	(
rmingham		8.2	(4)	(4)	(4)	(4)	(4)	(*) (*)	(*) (*)	(*) (*)	(1)	()
attenooga	7.4	10.7	6.2	9.7	13.1	8.5	(4)	(4)	(6)	(•)	(4)	è
rpus Christi	. (4)	(4)	(4)	(*)	(4)	(4)	(•)	(6)	(4)	(4)	(4)	ì
Has-Fort Worth	8.8	8.4	10.9	9.5	10.5	8.8	6.9	10.1	9.6	11.8	8.9	8.
ytona Beach	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(
inesville		(*)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(
sansboro-Winston-Salem-High Point	6.8	8.7	7.9	12.9	8.3	8.8	7.8	5.3	8.2	11.4	8.8	10.
eenville-Spartanburg		8.8	11.4	7.9	10.9	12.4	8.2	(4)	(4)	(4)	(4)	(1
		12.1	8.8	10.4	11.0	11.1	(4)	(4)	(4)	(4)	10.4	11.
ntsville		(4)	(*)	(9)	(*)	(4)	(*)	(*)	(1)	(*)	(*)	(
ckson		7.1	9.2	13.5	7.2	15.3	(*)	(*)	(1)	(*)	(1)	(1
cksonvilleuisville		9.8 9.1	11.1 8.0	7.1   11.7	10.0 8.7	9.6	(4)	(1)	(*)	(4)	(1)	(1
emphis		7.7	11.8	8.7	9.8	7.9 8.8	(4) (4)	(4) (4)	(1)	(4) (4)	( <sup>4</sup> ) ( <sup>4</sup> )	(*
ami		4.8	9.5	9.0	9.8	8.1	(*)	(3)	(*) (*)	(9)	8	(
w Orleans		10.0	6.5	9.4	10.5	10.3	(*)	(3)	(4)	8	8	(4
rfolk-Virginia Beach-Portsmouth		(4)	11.0	5.9	10.0	(1)	(4)	(4)	(6)	(4)	(4)	· (•
lahoma City		7.8	10.5	15.9	9.5	10.2	(4)	(4)	(4)	(4)	(•)	ે
chmond		8.0	6.1	8.8	10.3	9.5	5 3	7.8	7.2	8.9	9.8	9.
n Antonio		6.9	4.4	10.8	12.4	96	(4)	(4)	(4)	(4)	(4)	(4
ashington	6.5	5.5	7.1	7.4	8.4	9.5	(4)	(4)	(4)	(4)	(4)	(*



Table 102. Percent increases in average straight-time hourly earnings, selected occupational groups in metropolitan areas, 1977-82 2—Continued

					Electr	onic data	process	ing <sup>5</sup>				
Region and area			All indu	ustries					Manufa	cturing		
	1977	1978	1979	1980	1981	1982	1977	1978	1979	1980	1981	1982
North Central												
Akron	7.6	7.9	(4)	(4)	(4)	(4)	8.7	7.5	(4)	(4)	(4)	(4)
Canton	7.7	6.7	(4)	(4)	(4)	(4)	(4)	( <sup>4</sup> )	(4)	(4)	(4)	· ( <del>1</del> )
Chicago	6.9	7.6	7.0	9.1	9.8	9.1	6.3	7.1	7.1	10.7	9.7	9.8
Cincinnati	7.1	7.2	7.5	10.1	9.1	8.4	(4)	(4)	6.8	9.7	8.8	9.6
	8.7	7.5	8.4	10.4	8.8	7.9	6.5	7.1	8.3	11.2	9.5	7.9
Cieveland	6.5	9.2	7.8	10.0	10.5	9.3	(4)	(4)	(4)	(+)	(4)	(4)
Columbus	9.0	9.4	11.6	9.6	11.7	9.8	(+)	(4)	(9)	(4)	(4)	(4)
Pavenport-Rock Island-Moline	8.0	6.1	8.1	9.9	9.2	4.1	7.1	6.2	8.2	10.1	7.9	2.6
Payton			1		8.4	5.9	7.8	7.4	10.8	10.4	8.5	3.5
Detroit	7.0	6.8	10.5	10.3			7.5 (4)	(4)	(4)	(4)	(4)	(4
Green Bay	(4)	(4)	(4)	(4)	(4)	(4)			8.8	10.1	(4)	(4
ndianapolis	5.8	8.9	10.0	9.5	9.3	8.4	(4)	(1)	6.2	8.9	8.7	8.7
(ansas City	6.5	9.3	6.7	8.4	8.6	9.0	(4)	(4)			9.6	10.4
filwaukee	7.0	8.6	7.0	10.3	10.1	9.7	7.2	6.9	7.5	9.2		
finneapolis-St. Paul	5.5	7.3	8.5	9.7	10.0	8.9	5.8	6.5	8.5	8.6	10.5	9.7
Omaha	11.4	6.9	10.5	14.3	8.8	6.5	(4)	(4)	(4)	(4)	(4)	(*
Saginaw	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4
St. Louis	7.0	7.6	6.9	6.8	10.6	12.1	7.0	7.2	8.3	7.0	11.3	13.0
South Bend	6.8	6.2	7.5	8.9	8.3	7.1	5.2	5.7	7.4	8.7	(4)	(4
Toledo	7.5	8.6	7.2	11.9	10.5	6.4	8.1	8.7	6.1	12.7	10.5	5.8
Vichita	4.2	7.6	8.2	13.9	7.8	11.5	(4)	(4)	(4)	(4)	(4)	(4
West		'''	0.0				.,					
Anaheim-Santa Ana-Garden Grove	6.3	4.3	5.2	9.1	10.5	10.5	(4)	(4)	(4)	(4)	(4)	9.9
Billings	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4
Denver-Boulder	7.4	7.1	9.7	11.0	9.8	9.0	7.2	7.8	9.1	8.3	9.0	6.0
resno		(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4
	6.6	9.6	8.6	9.9	13.1	7.4	6.3	8.8	8.4	9.4	14.0	8.3
os Angeles-Long Beach		8.5	9.1	9.7	7.7	7.7	(4)	(4)	(4)	14.5	1.3	(4
Portland	(4)	(1)	(4)	(4)	(4)	(4)	(*)	(4)	(4)	(4)	(4)	(4
Sacramento		6.3	10.6	11.3	9.7	11.9	(4)	(4)	(4)	(4)	(4)	(4
Salt Lake City-Ogden		7.9	I .	12.0	11.0	7.7	7.8	8.7	9.5	11.1	10.9	7.
San Diego	7.2	t .	8.3	9.9	7.9	10.8	5.0	8.1	(4)	(4)	(4)	(*
San Francisco-Oakland	6.8	7.9	8.4	_	•	10.5	7.4	7.6	8.7	8.1	11.1	9.
San Jose	6.9	7.0	9.6	6.7 9.7	10.9 10.6	7.3	(4)	(1)	(4)	(4)	(4)	(4
Seattle-Everett	7.4	8.2	8.6	9.7	10.6	1				\ <u>``</u>		L`
				<del></del>		Industria	i nurses					
			All ind	ustries	,	,			Manufe	cturing		Τ
	1977	1978	1979	1980	1981	1982	1977	1978	1979	1980	1981	1982
Northeast												
Albany-Schenectady-Troy	6.5	7.0	9.3	10.1	7.4	9.0	7.2	6.3	9.5	9.7	7.1	9.0
Boston	1	8.7	8.8	9.7	11.1	8.7	6.3	8.5	8.6	9.4	10.6	8.9
	1	7.8	8.3	12.9	9.5	5.9	8.4	7.8	8.5	13.3	9.1	6.0
Buffalo		9.7	9.1	10.1	9.1	8.6	6.5	10.4	10.6	7.2	9.1	8.
Hartford		,	7.7	11.3	9.5	7.8	9.1	7.2	(4)	(4)	(4)	(4
Nassau-Suffolk		7.7	i	•	1	8.8	7.7	9.6	9.1	9.3	6.6	8.
Newark		8.8	9.2	8.6	8.2	1	6.4	6.7	5.8	12.2	7.9	9.
New York	1	6.6	6.4	10.6	8.0	9.6		8.5	10.3	5.8	10.9	6.
Northeast Pennsylvania	1	7.8	10.0	6.1	10.6	5.5	9.8	4.3	9.5	9.6	7.7	(
Paterson-Clifton-Passaic		3.6	8.5	10.4	7.8	9.2	6.6	1		8.6	8.9	7.
Philadelphia	8.7	8.5	9.4	9.1	8.7	7.6	8.5	9.0	9.9		11.1	13.
Pittsburgh	. 8.7	10.2	8.6	10.7	11.0	13.0	8.5	10.2	9.1	10.9	,	1
Portland		(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(
Poughkeepsie		(4)	(*)	(4)	(*)	(4)	(4)	(1)	(4)	(1)	(4)	(
	6.8	93	6.9	11.9	9.5	9.2		(4)	7.3	11.9	10.0	8.
Providence-Warwick-Pawtucket					1			. 97	5.4		9.6	. (
Providence-Warwick-Pawtucket	8 1	Ъ	5.4	13.2	9.6	4.3	8.1	8.7	1	13.2		
Providence-Warwick-Pawtucket Trenton	8 1	F 6-3	5.4 8.5	13.2	9.6 10.7	6.9	(4)	(4)	9.7	9.5 10.0	10.6	6.

Table 102. Percent increases in average straight-time hourly earnings, <sup>1</sup> selected occupational groups in metropolitan areas, 1977–82 <sup>2</sup>—Continued

						Industria	urses.					
Region and area			All ind	ustries						cturing		
	1977	1978	1979	1980	1981	1982	1977	1978	1979	1980	1981	1982
South		 							i		<u> </u>	<del> </del>  -
Atlanta	6.4	9.4	7.1	10.8	13.7	8.4	(4)	(4)	(4)	12.0	13.3	7.0
Baltimore	8.8	8.8	7.3	10.3	10.6	8.5	7.5	8.8	7.1	11.1	9.9	8.
Birmingham	8.1	5.7	(4)	(4)	(4)	(4)	8.5	5.9	(1)	(4)	(1)	(4
Chattanooga	(4)	(4)	7.4	9.4	9.8	9.1			7.2			
Corpus Christi	(•)	(4)	1 1			t .	(4)	(4)		9.4	10.4	9.0
Dalias-Forth Worth	8.3		(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(*
Daytona Beach		10.2	8.8	11.7	10.6	10.1	9.2	9.1	8.8	11.5	9.3	9.
Gainesville		(4)	(1)	(4)	(4)	(1)	(4)	(4)	(4)	(4)	(1)	(*
Greensboro-Winston-Salem-High Point	. (1)	(1)	(1)	(1)	(4)	(4)	(4)	(4)	(4)	(4)	(*)	(4
Grossille Casteshure	6.9	5.8	8.8	11.2	13.6	6.4	7.5	5.4	8.4	11.2	13.7	8.2
Greenville-Spartanburg		5.8	7.8	11.3	9.9	11.8	7.8	5.6	7.8	11.3	9.9	11.0
Houston	1	9.9	7.2	13.5	10.8	9.8	9.5	10.2	5.8	14.8	10.2	8.
Huntsville	1	(4)	(4)	(4)	13.6	6.9	(4)	(4)	(4)	(4)	13.8	6.8
Jackson		(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4
Jacksonville	. 10.5	9.8	9.5	7.9	8.5	8.8	(4)	(4)	(4)	(4)	(4)	(4
Louisville	. 9.2	8.3	12.0	12.2	13.9	8.0	9.3	8.1	12.0	12.2	14.1	8.0
Memphis		5.1	10.1	10.2	12.9	7.4	(4)	(4)	10.2	9.7	13.9	72
Miami	. (4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(*)	(*)
New Orleans	(4)	(4)	(*)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4
Norfolk-Virginia Beach-Portsmouth		(4)	(4)	(4)	(4)	(6)	(4)	(4)	(4)	(4)	(+)	(*)
Oklahoma City		(+)	(4)	(4)	(4)	(4)	(6)					
Richmond	. 8.ó	7.3	8.9	13.2	11.8			(4)	(*)	(4)	(1)	(4)
San Antonio	(4)	/.3 (*)				13.3	8.1	7.8	7.4	13.1	11.8	13.7
Washington	1 60		( <sup>4</sup> )	( <sup>4</sup> )	(4)	(1)	(1)	(4)	(1)	(4)	(*)	(4)
	6.9	8.7	6.8	5.2	6.7	(*)	(4)	(4)	(4)	(4)	(4)	(4)
North Central  Akron	9.7	7.0	(4)	44	(4)	(4)				445	445	44
Canton		7.3	(1)	(1)	(4)	(*)	9.9	7.7	(4)	(*)	(*)	(*)
Chicago	8.9	8.0	(*)	(4)	(4)	(*)	9.0	8.1	(4)	(4)	(4)	(4)
Chicago	7.7	8.7	8.3	10.7	9.2	11.1	7.1	9.4	8.4	10.7	9.7	10.5
Cincinnati	7.6	8.7	8.9	11.8	10.7	94	8.3	8.4	9.1	11.4	11.0	9.5
Cleveland	8.1	8.2	10.5	12.2	9.0	8.1	9.2	8.0	11.0	12.2	10.2	5.9
Columbus	. 11.0	8.0	8.0	10.8	11.8	7.3	11.5	7.7	8.2	10.3	11.3	8.2
Davenport-Rock Island-Moline	. 8.3	10.1	9.8	12.9	12.7	12.4	8.3	10.1	9.8	12.9	12 7	12.4
Dayton	8.1	9.9	9.4	10.8	8.7	5.4	6.3	10.4	9.5	10.7	8.7	5.4
Detroit	8.5	8.1	10.5	12.1	9.1	7.3	8.7	7.8	10.5	12.5	9.4	6.0
Green Bay	. (4)	(4)	(4)	(4)	(4)	(4)	(4)	(*)	(4)	(4)	(4)	(4)
ndianapolis	11.4	7.7	13.3	9.0	8.8	5.8	11.3	7.9	13.3	9.6	8.7	5.5
Kansas City	7.5	8.5	9.0	7.8	10.1	8.9	7.6	8.1	9.4	€.8	10.8	8.1
Milwaukee		8.8	8.3	10.8	11.2	9.8	8.7	7.9	6.8	9.4	11.2	9.9
Minneapolis-St. Paul		8.8	7.8	10.3	14.7	12.5	9.0	8.3	7.5	10.2	15.1	12.6
Omaha	(1)	11.0	7.8	10.3	12.9	(4)	(4)	(4)	(*)	(4)	(4)	(4)
Saginaw	(•)	(1.0										
St. Louis	8.3	8.8	(4)	(1)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
South Bend	0.3	1	9.7	9.8	10.3	9.5	8.5	8.8	9.8	10.0	10.1	9.6
Foledo	8.9	8.3	8.0	11.5	9.9	7.1	8.9	8.3	8.0	11.5	9.9	7.1
Toledo	7.3	11.0	9.0	8.9	9.7	8.2	7.3	11.0	9.0	8.9	9.8	8.2
Vichita	8.8	6.8	12.9	14.3	14.1	12.7	8.8	8.8	13.1	14.5	14.5	12.7
West						İ	İ		İ	İ		
Anaheim-Santa Ana-Garden Grove		6.5	10.1	12.4	8.9	10.5	(9)	(1)	9.8	12.7	8.9	10.7
Penyer-Roulder	17	(4)	(4)	(4)	(4)	(4)	(4)	(1)	(4)	(4)	(4)	(4)
Denver-Boulder		8.9	11.8	12.9	9.6	6.4	7.8	7.5	12.6	13.2	11.5	4.7
Fresno	(4)	(*)	(*)	(1)	(4)	(*)	(1)	(4)	(4)	(*)	(4)	(4)
os Angeles-Long Beach		9.8	8.4	12,1	12.8	10.4	7.5	9.1	8.7	12.3	12 4	9.7
Portland		(4)	(4)	(1)	(4)	(4)	(4)	(4)	(4)	(4) i	(*)	(4)
Sacramento		(4)	(4)	(4)	(4)	(4)	(4)	(*)	(*)	(4)	(*)	(4)
Salt Lake City-Ogden	(*)	(*)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
San Diego	(*)	(*)	9.8	12.5	9.0	7.3	(4)	(4)	10.0	12.8	8.5	6.9
San Francisco-Oakland	8.2	11.7	7.7	11.5	117	12.4	5.2	11.5	8.3	(4)	(4)	(4)
San Jose		6.8	11.3	8.1	9.1	15.0	6.9	(4)	(4)	(4)	(4)	(4)



Table 102. Percent increases in average straight-time hourly earnings, selected occupational groups in metropolitan areas, 1977-82 2—Continued

					SI	killed mai	ntenance	·				
Region and area			All indu	ustries					Manufa	cturing		·
	1977	1978	1979	1980	1981	1982	1977	1978	1979	1980	1981	1982
Northeast												
Albany-Schenectady-Troy	7.1	7.9	9.5	10.4	7.8	9.2	7.0	7.9	9.2	10.3	7.8	9.6
Boston		7.3	7.6	9.6	10.3	8.8	6.6	7.7	7.6	9.6	10.6	8.7
Buffalo		8.1	9.3	11.1	9.8	5.3	8.3	8.1	9.3	11.4	9.7	5.1
Hartford	I	8.5	8.2	9.9	10.8	7.2	7.1	8.6	8.1	9.3	11.1	7.0
Nassau-Suffolk		7.6	7.4	10.1	9.7	8.1	6.7	7.6	7.8	10.8	10.1	6.4
Newark		8.3	8.2	8.3	9.0	8.7	8.0	8.3	8.4	8.5	8.2	8.7
New York		7.1	7.9	9.0	8.5	8.9	7.0	5.3	7.9	10.1	8.8	9.6
Northeast Pennsylvania		6.0	7.0	8.9	7.9	6.6	10 5	8.1	7.0	8.3	7.6	7.0
Paterson-Clifton-Passaic		5.5	8.7	8.0	9.0	9.6	6.8	7.0	8.9	8.2	9.0	9.4
Philadelphia		8.1	8.8	10.1	9.2	6.6	8.4	8.5	9.3	10.3	9.4	6.6
Pittsburgh		11.2	8.4	10.3	10.7	9.5	8.0	11.6	8.4	10.5	10.8	9.7
Portland		7.9	11.6	9.3	9.4	7.5	7.2	8.3	9.1	7.9	9.5	7.9
Poughkeepsie		(4)	6.6	5.5	7.8	10.0	(4)	(4)	(*)	(4)	(4)	(4
Providence-Warwick-Pawtucket		7.1	9.1	9.9	8.1	8.3	7.7	7.2	9.5	9.9	8.1	8.7
Trenton	I	7.1	9.8	10.5	7.9	4.9	12.1	7.0	9.9	10.1	8.0	4.0
Worcester		9.0	8.1	10.3	9.4	10.2	7.8	9.0	8.3	10.0	9.4	10.9
Vork		7.5	9.0	10.1	11.2	10.4	8.3	7.5	9.1	10.0	11.4	11.
	0.4	7.5	5.5	10.1	''-	10.1	0.0					
South Atlanta	8.6	8.1	8.1	9.5	10.9	7.5	7.8	7.5	9.1	9.8	11.0	6.4
Baltimore		8.8	9.7	11.7	9.6	7.1	7.8	9.1	10.0	12.3	9.9	7.1
Birmingham		5.5	(4)	(4)	(4)	(4)	6.1	5.3	(4)	(4)	(4)	(*
Chattanooga	8.6	6.7	10.0	9.6	8.9	7.3	8.6	6.7	9.9	9.6	8.9	7.4
		8.2	8.9	13.1	10.9	7.3	10.4	8.3	8.9	13.1	10.6	7.6
Corpus Christi		8.4	11.0	12.0	9.2	6.4	8.3	8.1	9.5	10.9	10.6	6.4
Dallas-Fort Worth	1	1	1	4	1	(4)	(4)	(*)	(4)	(4)	(4)	(*
Daytona Beach		(4)	(4)	(4)	(4)	(6)	6	(4)	(4)	(4)	(4)	(4
Gainesville	(4)	(*)	1	(4)	12.2	6.9	9.9	8.2	10.9	12.6	13.0	7.5
Greensboro-Winston-Salem-High Point	9.7	9.0	10.4	12.2	10.1	10.4	8.0	6.1	7.5	10.3	9.7	10.8
Greenville-Spartanburg		6.1	7.6	1	1	9.3	8.7	10.8	9.1	10.0	9.4	10.0
Houston		10.4	8.2	10.1	9.6	•			(4)	(4)	12.2	8.
Huntsville		(4)	(4)	(4)	12.0	8.2	(4)	(4)	9.8	11.2	(4)	(4
Jackson		9.3	9.3	12.2	11.4	10.4	9.5	9.5	9.9	9.9	8.4	5.
Jacksonville	1	9.0	10.0	8.8	8.0	6.3	9.4	8.6	9.1	10.6	9.7	6.
Louisville		8.7	9.2	10.3	9.7	6.6	9.2	8.7	1	1	8.3	7.0
Memphis		9.1	9.6	10.1	7.9	1	8.2	9.1	9.0	10.8		(4
Miami		6.3	8.9	10.0	8.1	4	6.6	7.6	(4)	(1)	(4)	7.0
New Orleans	10.4	10.3	8.8	10.5	10.0		11.2	11.3	6.6	10.7	9.5	9.
Norfolk-Virginia Beach-Portsmouth	6.2	9.2	7.9	9.8	8.3	1 _	5.3	10.0	8.6	8.0	8.4	7.
Oklahoma Čity	9.1	10.2	9.3	10.6	11.1	1	7.5	9.9	9.5	9.7	11.0 13.7	8.
Richmond	9.8	9.8	8.5	14.0	13.1		10.3	10.9	8.3	14.5		
San Antonio	9.4	6.5	9.8	(4)	(4)	(*)	(4)	(4)	(4)	(4)	(4)	(
Washington	7.6	7.9	5.8	8.1	8.4	7.6	8.1	7.2	(4)	(4)	(4)	(*
North Central	ļ											١
Akron		8.5	(9)	(4)	(1)		8.3	8.4	(2)	(4)	(4)	
Canton		,	1 ' 2	(4)	(1)		9.7	8.2	(4)	(4)	(4)	8.
Chicago				11.7	9.4		8.4	9.0	6.2	11.4	9.1	1
Cincinnati	9.3	i i	• -	11 1	9.3	,	9.0	8.1	9.6	10.9	8.8	8.
Cleveland		7.5	10.8	11.6	9.3		12.8	7.5	11.1	11.5	9.0	
Columbus		1	9.1	10.7	9.0	1	9.4	6.4	9.1	11.0	8.9	4
Davenport-Rock island-Moline	7.7	11.8	9.0	10.9	10.8		7.5	12.0	9.0	11.1	10.7	10.
Dayton	9.4	9.6		10.3	8.8			9.8	10.3	10.2	8.9	
Detroit	9.3	8.3	9.2	11.1	8.7	5.3	9.4	8.3	9.1	11.1	8.6	
Green Bay		10.3	8.8	8.4	9.7	8.5	8.2	10.6	8.3	8.1	(4)	
Indianapolis		8.1	10.7	10.9	8.0		11.8	7.9	10.8	11.1	7.6	
Kansas City		8.3	8.5	9.9	9.8	1	11.0	8.0	1 .	9.5	9.9	
Milwaukee		1	1	10.9	9 2	8.1	9.1	8.4		11.1	9.3	1
Minneapolis-St Paul			1	10.4	11.7	1	8.8	8.1	8.5	9.7		1
Omaha	_		1	105	1	1	8.5	9.7	10.0	11.0	9.2	
Saginaw	!	1	1	(4)	(*)	1	(4)	(*)	(*)	(*)	(*)	
St Louis	! 7.9	1 2 2		9.9	95			8.2		10.1	9.8	9.
South Bend	t	· 1		1	i		1		1	11.9	8.0	
Toledo				110			1	1	8.7	11.2	11.1	6.
										11.7		



Table 102. Percent increases in average straight-time hourly earnings, selected occupational groups in metropolitan areas, 1977-82 2—Continued

					SI	killed mai	ntenance	6				
- Region and area			All ind	ustries					Manufa	cturing		·
	1977	1978	1979	1980	1981	1982	197 <i>i</i>	1978	1979	1980	1981	1982
West												
Anaheim-Santa Ana-Garden Grove	8.0	8.9	9.5	10.6	9.0	7.9	8.1	9.2	9.7	10.3	9.3	8.0
Billings		6.8	9.0	11.1	8.7	8.7	(4)	(4)	(4)	(4)	9.5	8.
Denver-Boulder		9.4	10.7	11.0	10.9	8.0	76	9.7	11.0	10.5	12.6	6.
Fresno		6.2	8.3	10.9	10.1	7.2	9.7	5.7	9.1	11.7	9.5	7.
os Angeles-Long Beach		8.1	9.7	12.0	10.2	7.8	8.6	8.2	10.5	11.8	11.5	8. 7.
Portland	1 _	7.1	8.5	11.9	11.5	7.2 6.9	10.0	6.5 8.3	9.4	11.4	11.7 9.2	7.
SaramentoSalt Lake City-Ogden		8.2 9.1	10.3	11.4	8.5 9.5	5.3	8.1 6.8	9.4	( <del>1</del> ) 10.4	12.0	10.8	6.
San Diego		8.9	8.3	11.9	10.3	8.0	6.5	9.1	8.5	12.1	9.9	8.
San Francisco-Oakland	•	9.2	8.5	9.2	12.4	8.9	8.9	9.2	8.0	9.5	12.4	8.
an Jose	I	7.4	8.9	9.5	12.1	9.3	7.8	7.4	8.8	9.8	11.9	9.
eattle-Everett		80	8.8	14.3	8.8	<b>6</b> .3	9.2	8.2	8.6	14.5	9.9	6.
						Unskilled	d plant 7					
			All ind	ustries	<del></del>				Manufa	cturing		<del></del> -
	1977	1978	1979	1980	1981	1982	1977	1978	1979	1980	1981	1982
Northeasi											j	
Albany-Schenectady-Troy		6.1	9.6	10.3	8.6	7.4	6.7	8.0	10.9	10.5	8.7	9.
loston		7.1	8.0	9.2	9.1	8.0	7.4	5.5	9.5	9.9	10.3	8.
luffalo		9.1	10.9	10.1	8.2	4.7	8.1	8.1	10.3	10.8	9.4	5.
lartford		5.8	8.2 6.6	9.5 11.5	9.9	6.0 4.4	6.5 6.1	6.9 9.1	8.8 7.2	9.3 12.4	11.1	6.
lassau-Suffolklewark		6.9 8.3	7.7	9.5	10.3 9.2	6.9	6.6	10.8	7.4	9.6	11.5	11
New York		5.8	7.0	5.5	9.0	8.9	7.3	5.8	7.7	8.3	9.2	9.
Vortheast Pennsylvania	8.8	8.5	8.2	10.0	9.3	4.6	10.6	7.3	5.9	9.4	9.2	6.
Paterson-Clifton-Passaic		5.5	8.3	9.4	10.4	7.1	8.4	5.4	8.9	8.9	10.5	7.
hiladelphia		8.7	10.0	9.8	8.0	6.6	7.5	9.6	10.0	10.9	9.7	7.
ittsburgh		9.7	8.5	9.5	12.2	8.8	8.8	11.1	8.9	12.1	12.9	11
Portland		8.7	9.6	9.8	8.5	7.4	8.4	10.1	7.9	8.7	9.7	9
Poughkeepsie		2.6	6.2	(4)	(*)	(*)	8.1	6.0	8.5	(4)	(4)	(
Providence-Warwick-Pawtucket		9.9	8.9	8.8	9.0	6.6	8.2	10.7	8.3 8.9	8.9 9.5	9.8 8.5	8.
renton Vorcester		7.4	9.1	8.5 10.0	8.8 7.0	5.0 8.2	9.0 7.3	8.8 6.6	8.4	10.1	6.9	9
/ork		8.2	10.1	11.0	11.0	8.8	7.0	7.6	10.2	10.0	11.0	10
South	7.5	0.2	10.1	11.0	11.0	0.5	7.0		10.2	, 0.0		
	6.1	9.8	0.2	9.3	0.2	ا د ا	8.3	8.3	9.5	9.7	11.8	8
Atlanta		10.7	9.3	10.3	9.3 9.2	5.0 5.2	8.2	9.7	10.1	11.3	10.3	6
Birmingham		10.7	(1)	(10.3	(1)	(4)	6.8	7.8	(4)	(4)	(4)	(
hattanooga		9.1	9.2	8.7	8.8	6.3	9.3	7.8	8.7	8.9	9.6	7
Corpus Christi	1	13.2	8.7	9.5	8.7	3.2	8.5	10.6	8.5	13.6	9.4	7
allas-Fort Worth	5.9	10.3	10.7	9.5	7.0	6.8	8.1	7.8	10.6	13.2	10.0	7
aytona Beach		(4)	(4)	(4)	(4)	(*)	(4)	(4)	(4)	(4)	(4)	(
iainesville	, , ,	(4)	(4)	(4)	10.5	•	(4)	(4)	(4)	(4)	(1)	(
Breensboro-Winston-Salem-High Point		9.6	. 11.1	11.9	9.8	5.0	(*)	(*)	11.7	12.7	11.8	7.
ireenvilla - ipartanburg	1 _	7.2	10.3	8.2	7.1	5.2	8.0	6.5	8.4	8.1	6.3	8.
loustonluntsville	1 .	10.3	9.5 8.9	10.4 8.4	8.7 9.7	3.8 6.4	10.0 4.2	(4) 11.3	8.4 9.6	10.0 10.1	11.1	6
ackson	3	12.1	10.8	14.8	9.6	7.8	7.9	13.3	11.2	16.4	10.3	10.
acksonville	1 2 2	10.2	9.6	10.1	7.7	3.1	8.9	7.0	9.7	9.4	7.8	6
ouisville		8.9	9.6	11.1	9.0	4.4	9.1	8.8	9.9	11.9	9.7	5
demphis	1 111	8.8	10.2	9.1	8.6	5.5	6.7	8.9	8.2	10.5	9.0	7.
Aiami	1	11.4	8.7	8.2	10.1	3.6	6.2	13.4	6.4	8.4	11.1	5
łew Orleans		11.5	8.5	8.3	7.5	3.2	11.3	10.1	9.7	10.7	6.5	9
lorfolk-Virginia Beach-Portsmouth		8.2	5.3	7.7	8.1	:	9.3	8.7	11.0	7.9	9.4	7.
Oklahoma City		11.2	10.0	10.3	9.1	,	10.6	9.1	12.9	14.3	10.7	6
Richmond		8.8	8.7	12.7		4.9	11.9	8.5	9.4	11.2	15.1	8
San Antonio	11.0	9.9	7.9	8.5 7.6	9.8	4.1	8.9	9.0	8.3 7.2	9.3 7.3	12.9	! <b>8</b> .



Table 102. Percent increases in average straight-time hourly earnings, selected occupational groups in metropolitan areas, 1977-82 2—Continued

						Unskilled	plant 7					<b>.</b>
Region and area			All indu	stries					Manufac	cturing		
nogen and wo	1977	1978	1979	1980	1981	1982	1977	1978	1979	1980	1981	1982
North Central		1										
	001	9.2	(4)	(4)	(4)	(4)	8.0	9.0	(4)	(4.	(4)	. (4
Akron	8.2	9.1	(4)	(4)	(4)	(4)	11.4	8.7	(4)	(4)	(4)	· (4
Canton	11.2		8.3	11.8	9.7	6.8	10.1	9.1	8.7	10.7	10.0	10.
Chicago	10.4	8.7	8.2	4	9.3	6.5	8.8	8.3	7.7	11.2	93	9.
Cincinnati	8.7	9.1	1	2.2	9.5	6.4	10.9	8.5	11.1	13.2	9.3	5.1
Cleveland	9.0	8.3	10.1	9.5	9.1	ა. <b>3</b>	9.8	8.5	11.0	12.0	9.3	7.0
Columbus	7.4	9.2	10.3		11.2	9.9	8.1	9.8	9.4	11.5	11.4	11.0
Davenport-Rock Island Moline	8.9	9.2	8.9	11.1	9.0	3.1	9.5	8.9	10.9	11.1	9.7	3.4
Dayton	8.6	9.0	10.3	10.3	9.0	4.3	8.8	8.5	10.6	12.9	10.1	6.0
Detroit	8.2	7.9	10.2	11.6		5.8	9.8	9.2	8.8	10.1	11.3	7.
Green Bay	8.4	9.5	9.0	10.1	11.0	5.8	10.1	7.8	12.1	13.9	8.8	5.
Indianapolis	8.2	9.2	10.2	11.8	8.1	5.5	10.1	8.8	9.0	11.0	10.3	6.
Kansas City	7.7	8.1	7.9	10.4	9.1	1	8.2	10.3	9.2	10.6	10.2	8.
Milwaukee	7.2	10.0	8.0	11.0	9.7	6.1	8.3	9.5	8.7	9.9	11.1	10.
Minneapolis-St. Paul	8.9	8.1	8.1	10.8	11.1	8.0	;	8.0	8.7	11.0	8.1	6.
'aha	6.5	8.4	9.1	9.8	7.2	5.5	10.2	(4)	(1)	(4)	(4)	(4
'aw	7.4	8.3	11.0	12.4	10.0	4.1	(4)	7.5	9.1	11.9	10.1	9.
Louis	8.4	8.6	8.6	11.2	9.3	6.2	9.0	9.3	10.2	12.8	9.0	7.
South Bend	10.8	8.7	12.2	11.3	9.1	5.6	15.5	9.7	9.6	11.2	13.4	7.
Toledo	. 7.	9.3	7.6	11.3	11.5	5.2	8.0	6.3	10.3	14.7	11.3	12
Wichita	7.7	9.2	13.1	11.2	10.9	8.3	3.7	0.3	10.3	1	''''	'-
West					1 					400	107	7.
Anaheim-Santa Ana-Garden Grove	5.5	6.9	8.7	8.0	8.7	8.6	7.3	5.6	9.4	10.0	12.7	7
Billings	1	8.4	12.5	10.4	9.3	(*)	(4)	(4)	(4)	(4)	10.5	6
Denver-Boulder	1	7.7	10.3	10.5	8.5	5.3	8.9	8.4	10.8	8.2		4
Fresno		7.0	6.7	9.7	9.4	5.0	5.2	5.6	7.5	14.8	10.2	8
Los Angeles-Long Beach	-1	8.2	11.7	9.8	9.9	5.1	5.7	7.1	8.5	13.0	8.8	5
Portland	1	7.7	8.6	9.1	11.6	6.5	9.7	8.4	7.2	10.2		3
Sacramento	1	8.4	8.1	9.3	7.4	3.7	9.6	8.6	7.6	10.2	10.7	6
Salt Lake City-Ogden	-1	10.0	11.2	11.8	8.1	3.3	8.5	7.3	7.8	11.1	12.5	
Sail Lake City-Cycell	1	7.2	8.3	9.4	9.1	5.6	(4)	(4)	(4)	(4)	(1)	9
San Diego		8.0	9.0	9.9	12.3	8.5	8.1	9.7	10.0	9.9	11.8	
San Francisco-Cakianu		7.5	9.2	8.5	9.3		8.0	7.8	(4)	10.4		11
San Jose	1	9.4	9.3	9.9	8.1	7.9	9.2	8.7	10.2	(4)	(4)	(
Seattle-Everc 1	'''	1 0.4		1	1	1	1			1		

<sup>&</sup>lt;sup>1</sup> Earnings of all workers relate to hourly earnings excluding premium pay for overtime and for work on weekends, holidays, and late shifts.

<sup>&</sup>lt;sup>2</sup> Relates to calendar years. Percent increases reflect 12-month periods ending at various times from January through December. For surveys conducted at other than 12-month intervals, the percents were computed by converting increases to an annual rate.

<sup>&</sup>lt;sup>3</sup> Includes accounting clerks; file clerks; order clerks; payroll clerks; keypunch operators; messengers; secretaries; stenographers; switchboard operators; and typists. Before 1979, bookk-seping-machine operators, class B, were included.

<sup>&</sup>lt;sup>4</sup> Data do not meet publication criteria or data are not available.

<sup>&</sup>lt;sup>6</sup> Includes computer systems analysts, computer programmers, and computer operators.

<sup>6</sup> Includes maintenance carpenters, electricians, machinists, mechanics (machinery), mechanics (motor vehicles), painters, pipefitters, and tool and die makers.

<sup>7</sup> Includes janitors, porters, and cleaners and material handling laborers.

NOTE: In the 1977 and earlier editions of the *Handbook of Labor Statistics*, indexes of average weekly or hourly earnings were presented for each of these occupational groups, except electronic data processing workers. Because of differences in the methods of computation, percents of increase in the current edition cannot be linked to the earlier indexes.

Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961-80

	<b></b>	Office cler	ical	Skilled m	aintenance		Unskilled p	lant
Period and area	All indus- tries	Manufac- turing industries	Nonmanufac- turing industries	Ali indus- tries	Manufac- turing industries	All indus- tries	Manufac- turing industries	Nonmanufac turing industries
		Aver	age pay levels fo Standard		istry and occu n Statistical A		roup in 188	
LATE 1961-EARLY 1962								
theast:		<b>i</b> I	:					
Areas with 1,000,000 or more population:	!	<u>.</u>						
Boston	93	91	; <b>96</b> ]	93	93	96	j 93	11
Buffalo	100	100	96	102	102	110	111	! 1
Newark and Jersey City	100	97	102	101	102	111	111	1
New York City	102	101	104	99	101	104	100	1
Paterson-Clifton-Passaic	99	96	97	97	96	103	95	1
Philadelphia	95	94	94	99	98	100	100	i 1
Pittsburgh	107	110	100	105	106	111	111	1
Areas with 250,000 but less than 1,000,000 population:					i i			
Albany-Schenectady-Troy	98	96	99	96	96	96	90	1
Allentown-Bethlehem-Easton	104	101	93	93	94	107	104	1
New Haven	98	93	101	90		91	92	•
Providence-Pawtucket	83	81	82	83		86	78	
Trenton	98	98	1	97	96	96	95	
Worcester	91	90	86	90	91	94	65	
Areas with less than 250,000 population:								
Lawrence-Haverhill	91	87	_	86	. 87	90	85	
Manchester	79		82	_	. <u> </u>	75	69	
Portland	83	·	85	81		89	87	
Scranton	91	81	. 94	89	87	90	83	i
Waterbury	100	97	i	91	91	98	98	
York	92	90	i – i	86	86	91	87	1
ith:								
Areaswith 1,000,000 or more population:			!	ļ				
Atlanta	95	97	97	92	91	75	78	
Baltimore	94	99	91	99	99	96	102	
Dallas	93	94	94	91	89	78	81	
Houston	100	99	102	101	103	73	81	
Washington	100		103	95		85	84	
Areas with 250,000 but less than 1,000,000 population:								<u>.</u>
Beaumont-Port Arthur	111 <sup>i</sup>	119	98	105	107	94	104	
Birmingham	93	103	89	102		82	92	
Charleston, W. Va	107	119	92	107	108	108	116	
Charlotte	86	83	89	- 107	-	73	61	
Chattanooga	87	85	' -	86	86	78	80	
Fort Worth	91 :	98		92	94	79	92	
Jacksonville	87	. 50	85			73	73	
		~	90	87	100		[	
Louisville	91	94		105	106	100	102	
Memphis			87	91	90	74	75	
Miami	90 89 .	83 93	. 93 <sup>1</sup> 90 :	85 i 95 :	96	76 69	72   82	
Norfolk-Portsmouth and Newport News-			30			Ų.	O.	
Hampton	92	—	88	90	:	81	91	
Oklahoma City.	88 '	-	, 60 .	<del></del> ,		83	81	
Richmond	94	96	95 :	95 ı	95	77	80 i	
San Antonio	82 '		<b>.</b> .		'	64		
Wilmington	113	112	. 93	103	104	110	108	1
Areas with less than 250,000 population			· .		!		:	
Greenville ,	80		·	69	'	63		
Jackson	82		84 :		· 1	61	63	
Little Rock-North Little Rock	80	•••	83 ·	83 ·		69		1
							· · · · · ·	
Lubbock	83 ·		86 .	_		66	60	
	83 · 84		86 87 : 102 :		·	66	63	<del>-</del>



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961-80—Continued

		Office cler	ical	Skilled n	naintenance		Unskilled P	plant
Period and area	All indus tries	Manufac- turing industries	Nonmanufac- turing industries	All indus tries	Manufac- turing industries	All indus- tries	Manufac- turing industries	Nonmanufac turing industries
		Aver	age pay levels fo Standard Metrop	r each ind oolitan Stat	ustry and occu istical Areas =	pational gr 100—Cont	roup in 188 tinued	
LATE 1961—EARLY 1962—Continued		• •			]		T	
lorth Central:		:	: 				!	
Areas with 1,000,000 or more population.		!	, ,					Į
Chicago	106	102	109	107	105	106	101	i 1
Cincinnati	97	95	95	98	99	102	102	1
Cleveland	106	105			103	111	111	j 1
Detroit	114	119	106	109	110	117	119	1
Kansas City	99	97	100	1	102	101	105	•
Milwaukee	99	99	97	105	105	111	108	j 1
Mınr eapolis -St. Paul		90	97	101	101	110	106	1
St. Lcuis	99	. 96	100	104	104	103	103	1
Areas with 250,000 but less than 1,000,000 population:		<u> </u>			:			
Akron	104	104	. 94		'	124	121	1
Canton	101	100		99		112	111	
Columbus	96	97	94			94	98	
Davenport-Rock Island-Moline	103	107	95	107	108	111	111	1
Dayton	106	104	102		104	109	110	
Des Moines		90		1	101	103	107	
Indianapolis	99	102	96	100	101	97	100	١.
Omaha	95	94	97		98	103	100	1
Toledo	106	103	102		105	113	108	1
Wichita	101	_	93	· 94	95	97	100	
Areas with less than 250,000 population:		1	:	1	<u>i</u> .		:	
Green Bay	91	!		87	86	104	97	1
Muskegon-Muskegon Heights		94	<b>_</b>	95	94	109	106	ł
Rockford		91	: <u> </u>	: 91	91	99	93	l 1
Sioux Falls	_	1		_	_	95	97	]
South Bend	99	: 100	: -	104	104	117	116	1
Waterloo	104	103	· –	101	: —	111	111	
lest:			, 1 c	i	!			
Areas with 1,000,000 or more population.			1	į				
Los Angeles-Long Beach	110	109	112	105	105	111	109	1
San Francisco-Oakland		110	110	112	112	122	119	1
Seattle	105	106	1	101	99	113	109	1
Areas with 250,000 but less than 1,000,000 population:			:	<u> </u>	1			
Albuquerque	98		102	i	! -	95	83	1
Denver	97	95		100	-	102	105	1
Phoenix	94	99	92		1	90	91	
Portland	100	96	103	105		109	105	1
Salt Lake City	93		. 94		1	95	91	
San Bernardino-Riverside-Ontario	103	; 105		102	103	99	101	1
Spokane	100		. 98	<u>!</u>		110	117	<u> </u>
		Aver	age pay levels fo Standard		ustry and occu n Statistical A		roup in 212	
MARCH 1963-FEBRUARY 1964						•		
iortheast: Areas with 1,000,000 population or more:		f .	Į.	į	!			
Boston	93	91	95	94	94	97	93	1
Buffalo	101	100	97	100	100	110	111	1
Newark and Jersey City		98	! 102	102	103	110	112	1
New York	103	102		, 101	102	106	103	1
Paterson-Clifton-Passaic						105	97	1
Philadelphia		95	96	99	99	102	101	1
Pittsburgh		108	100	. 101	102	109	110	[ 1



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961-80—Continued

		Office clai	ricai	Skilled m	aintenance	· •	Unskilled p	iant
Period and area	All indus- tries	Manufac- turing industries	Nonmanufac- turing industries	All indus- tries	Manufac- turing industries	All indus- tries	Manufac- turing industries	Nonmanufa turing industries
		Ave	rage pay levels fo Standard Metrop					
MARCH 1963-FEBRUARY 1964—Continued	•		:		r :		:	
Areas with 250,000 but less than 1,000.000				•		: !	- : :	
population: Albany-Schenectady-Troy	98	96	. 99	96	96	97	92	1
Al'entown-Bethlehem-Easton	105	103			94	105	,02	1
New Haven	99	95		90	91		96	
Providence-Pawtucket	85	83	. 85		84	•	78	
Trenton	97	96	·	96		-	97	
Worcester	92	91	86		i	. 96	89	,
	· ·			: •••				•
Areas with less than 250,000 population:			-	<u>!</u>		;		
Lawrence-Haverhill	91			. 88	89	91	. 87	
Manchester	81					77	72	
Portland	84	<del>.</del>	85	81		86	. 88	
Scranton	91	81	96	-		93		
Waterbury	99	95	-	91	90	99	100 . 86	
York	92	89		: 86	85	. 91	; <b>00</b>	
uth:			-	:	•	:	: I	
Areas with 1,000,000 population of more:	0.7	00	00			. 77		•
Atlanta	97	98	99 .				80 103	ı
Baltimore	97	101	95 94	97	, 98	; 95 79		
Dallas	93 100	94	100	91	90 101	79 75	. 85	
Houston Washington		101	104			88	. 89	
Washington	101	_	104	. 30		00	. 03	
Areas with 250,000 but less than 1,000,000	:	:		:			; 1	I
population.			i	,	•	!		:
Beaumont-Port Arthur	113	-	100	105	106	97		
Birmingham	95	101	92	102	103		92	
Charleston, W. Va	107 .		•	. 105	106	109	115	i
Charlotte	86		89	<del>-</del>	: <u>-</u>	72	62	!
Chattanooga	87	87	87		84	79		
Fort Worth	91	97		92	94	79		
Jacksonville	89		92			73		
Louisville	95	94	95		105	99		
Memphis	88	90	88	92	91			
Miami	91		95			74		•
New Orleans	93	97	92	97	98	, 70		
Norfolk-Portsmouth and Newport News- Hampton	93		88			80	91	-
Oklahoma City	90	89	91	=		84	<del>-</del> -	
Richmond	94	95	95	94	93		81	
San Antonio	82		84	_		65		
			-		[			
Areas with less than 250,000 population.							:	
Greenville	82				-		59	
Jackson	84		86	_		,	_	
Little Rock-North Little Rock	82	_	84	81		•		
Lubbock					. <del></del>		62 63	
Raleigh Savannah	84 98	_	87	 97	97	. 66 76		
ouralitati	50			0.				•
rth Central: Areas with 1.000,000 population or more						I		
Chicago	10€	102	108	107	105	106	101	
Cincinnati	98	96	97		98		104	
Cleveland	106	105	105	104	104		112	
Detroit .	115	120	106	109	111	119	120	
Kansas City	97	96	99	103	102	99	104	
Milwaukee	100	100	98	106	105	111	110	
Minneapolis St Paul	94	89	97	103	103	110		
• • • • • • • • • • • • • • • • • • • •	99	96	100	105	104	102	104	



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961-80—Continued

:	· • •	Office cler	ical	Skilled in	naintenance	•	Unskilled p	lant
Period and area	All indus- tries	, Manufac- turing ' industries	Nonmanufac- turing Industries	All indus- tries	Manufac- turing industries	All indus- tries	Manufac- turing industries	Nonmanufac turing industries
		Ave	age pay levels to Standard Metrop					
MARQUI soco FERRILARY social Constitutad	•	i .	· · ·	<b>1</b>	1	:		
MARCH 1963-FEBRUARY 1964—Continued North Central—Continued			•	•		:		
Areas with 250,000 but less than 1,000,000			•					
population:					•			
Akron , , , ,	104	105	95	103	104	123	119	11
Canton		97 98	93	98 100	98 100	109 98	109 95	9
Davenport-Rock Island-Moline		106	. 93 94	107	108	112	112	10
Dayton		103	102	103	103	105	108	9
Des Moines	88	91	89	101	101	103		: 8
Indianapolis		. 103	94	103	103	100	104	
Omaha		· 94 . 101	98 101	98 103	. 99 103	103	. 101 109	· 10
Toledo	103 99	100	101	94	' 93		100	
	:			04	,			•
Areas with less than 250,000 population. Green Bay	92		I	89		108	102	: <b>1</b> 1
Muskegon-Muskegon Heights	98	95		95	94	112	110	
Rockford.		90	· ; —	90	; 90	97	93	10
Sioux Falls			·	_	. —	99	100	
South Bend			92	104	104	i	116	
Waterloo	104			103	. –	. 114	. 114	10
Nest:		1			i		t	
Areas with 1,000,000 population or more:		110	110	105	: : 105	. 112	108	. <b>1</b> 1
Los Angeles-Long BeachSan Diego		; 110 112	112 100		105			
San Francisco-Oakland		110		114	114		122	
Seattle		108	103	102	101	118	113	<u>'</u> 12
Areas with 250,000 but less than 1,000,000	i	!			• :	1	<u>:</u>	1
population:	1	:	,	•	1			!
Albuquerque	95		98	<b>—</b>		97	90	10
Denver					100		10 <del>8</del> 93	
Phoenix		97 93	· 94 · 102	104		110		. 11
Salt Lake City		94	96	99	99	94	95	·
San Bernardino-Riverside-Ontario	103		103	108	110	99	. 104	, 9
Spokane	99		97	104	! —	110	115	; 10
	-	Aver	age pay levels to					•
MADOU 1085 EERDHADY 1088		. ,	Standard ! :	vietropolita !	n Statistical A	reas = 100		
MARCH 1965-FEBRUARY 1966 Northeast:		: :	! ! !		1	i	1	:
Areas with 1,000,000 population or more:		# *	<u>:</u>				•	i i
Boston	95	93	97	95	95	93	91	· :
Buffalo		102			101	110		10
Newark and Jersey City	_	99	102		101	108		10
New York		103	106 98	!	103	•	96	10
Philadelphia		96	95	99	1	:		' id
Pittsburgh			102		102		109	. 10
Areas with 250,000 but less than 1,000,000		:	;		į			
population:					•	:		
Albany-Schenectady-Troy	98	95	99	96	95	94	90	10
Allentown-Bethlehem-Easton		105		92	92	105	102	10
New Haven	99 86	. 93 84	103 87	90 86	89 84	,	93 79	•
Frovidence-Pawtucket		96	. 67	96	95	_	99	Ş
Worcester	90	90		88	89	96	91	g
York	92	92		86	84	88	84	9
Freas with less than 250,000 population:					•			
Lawrence-Haverhill	91	_		88		91	87	9
Manchester	82	-				80	74	8
Portland Scranton	84 85	80	86	82 89	83	86 93	86 87	8 9
Scranton	63			÷ -				9
Waterbury	99	96		90	90	97	97	,



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961-80—Continued

		Office clei	rcai	Skilled m	naintenance	Unskilled plant			
Period and area	All indus- tries	Manufac- turing industries	Nonmanufac- tunng industries	All indus- tries	Manufac- turing industries	All indus- tries	Manufac- turing industries	Nonmanufac turing industries	
		Ave	age pay levels fo	r each indu	istry and occu	ıpatıonal gı	roup in 221		
			Standard Metrop	olitan Stati	stical Areas -	100—Con	linued	,	
MARCH 1965—FEBRUARY 1966—Continued		!	i	!	•			,	
South:		i	į .	! 			_	•	
Areas with 1.000.000 population or more.		:				•	•	1	
Atlanta	98	99	. 100	95	94	78	. 81	<u>`</u>	
Baltimore	97	98	96	98	99	95		: ε	
Dallas	93	94	95	91	91	78			
Washington	98 103	99	99	99 98	100	77 86	86 87	, <del>7</del>	
Areas with 250,000 but less than 1,000,000			i ı		:	!	  -  -	} ; ;	
population:		! !			•		!	i	
Beaumont-Port Arthur	112	117	:	103	105	96	101		
Birmingham	92	95	92	99	100	80	91	;	
Charleston, W. Va	105	109	100	104	104	104	111	:	
Charlotte	89	_	91	_	<del></del> :	75	-		
Chatanooga	87	_	85	86		81	83		
Fort Worth	92	_	89	95	_		87		
Greenville		:		72	•	• •	62	!	
Jacksonville	89		92	87		71	73		
Louisville	96	96	96	103		99	103	į	
Memphis Miami	88 92	89	88 95	92 87	1	. 70	76	!	
New Orleans	93	100	91	97	97		85	:	
Norfolk-Portsmouth and Newport News-	93	100	; 91	. <del></del>	. 97	. , ,	63		
lampton	94		89	91	i i	80	91		
Ol shoma City		88		i –	-	79	79	i :	
Richmond		96	97	95	96	78	83	1	
San Antonio	83	_	84	_	_	64	67		
Areas with less than 250,000 population:				; 1 1	1 1 1				
Jackson	86	-	! 88			67	66	1 ;	
Little Rock-North Little Rock	83	_	85	83	78	70	66	: :	
Lubbock		_	89		! -	: 68 ! 67	65 64	i	
Raleigh Savannah	36 88		; <b>88</b>   —	98	98	77	76	I	
orth Central:			,		1				
Areas with 1.000,000 population or more		! !	1					•	
Chicago	105	103	107	108	105	106	99		
Cincinnati	98	95	97	98	98	103	103		
Cleveland	104	103	, 103	102		109		•	
Detroit	114	•	•	109	110	118	120		
Kansas City			99	104	104	100	106	: 1	
Milwaukee Minneapolis-St. Paul		100 88	99	106	105 103	109 109	109	•	
St Louis		1			103	104	105	!	
Areas with 250,000 but less than 1,000,000		! <b>I</b>	! •		f		1		
population.		I	1	!	1	ı	-		
Akron	104	105	•		104	126	119	1	
Canton	96	94	•	95					
Columbus	95	97		100	100	96			
Davenport-Rock Island-Moline	103		' 96	106	107	112	111	: 11	
Dayton	104	•	99	103	103	107	110	,	
Des Moines	88 97		89 95	102 103		102	109		
Indianapolis	94	100	11	98	99	99	99		
South Bend	96		-	100	100	113	113	1	
Toledo	101		99	100	103	109	106	1	
Wichita	98	97	-	94	94	99	99	Š	
Youngstown-Warren	102	103	_	105	106	110	107	10	



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961-80—Continued

		Office cler	cal	Skilled m	aintenance	-	Unskilled p	lant
Period and area	All indus- tries	Manufac- turing industries	Nonmanufac- turing industries	All indus- tries	Manufac- turing industries	All indus- tries	Manufac- turing industries	Nonmanufac- turing industries
		Aver	age pay levels fo Standard Metrop					
MARCH 1965—FEBRUARY 1966—Continued	,		,		,			
orth Central—Continued		:					1	: •
Areas with less than 250,000 population:					!		, i I	I
Green Bay	-	_	}	!		108	103	11
Muskegon-Muskegon Heights		95	· — 1	94	93	110		-
Rockford	93	89	<del></del> !	91	£ 91	98	94	10
Sioux Falls	106		- I	103		99 113	101	
Waterloo	106	_		103	_	110	113	,
est:		i ,	: :				i	
Areas with 1,000,000 population or more:		;	:		Í		1	!
Los Angeles-Long Beach	111	111	112	106	106	114	110	11
San Diego	106	_	101	107	' .	116	117	11
San Francisco-Oakland	110	109		113	114	125	121	13
Seattle-Everett	105	107	104	-	- !	119	118	. 12 !
Areas with 250,000 but less than 1,000,000 population		:	•				  -  -	 
Albuquerque	96	·	. 99		_ '	98	90	10
Denver	98	96	100	99	99	104	109	10
Phoenix	96	100	95	102	_	90	95	
Portland	100	90	103	104	104	111	107	† 11
Salt Lake City	96	95		99	99	93	102	<del> </del>
San Bernardino-Riverside-Ontario	107		107	103	104	98	101	
San Jose	111	108		•	t and the second	114	111	
Spokane	98	<del>-</del>	97	106	· :	109	114	ļ <b>1</b> 0
Areas with less than 250,000 population.				!	1 !		i	 
Boise City	91	_	94	·	-	102	88	10
ı		∆vo	age pay levels to	roach indi	;	instional d	roup in 227	tm
		WAGI			n Statistical A			
MARCH 1967-FEBRUARY 1968		•	•	7 - ·	'   ;			1
lortheast:				!	:	i	İ	i :
Areas with 1,000,000 population or more					ļ į		1	
Boston .	95	93	. 98	95	95	94	93	;
Buffalo	101	101	99		105	106	105	10
Newark and Jersey City	100	99	101	101	101	105		
New York	103	102	105	•	102	108	101	
Paterson-Clifton-Passaic	99	98	97		·	107		
Philadelphia	97	96	97	97		104	100	} 10
Pittsburgh .	101	101		ŀ	99	107	105	!
Areas with 250,000 but less than 1,000,000 population				! :	į		: :	
Albany-Schenectady-Troy	99	96	101	-	, 96 <sup>1</sup>	98		
Allentown-Bethlehem-Easton 2	104	103	·					
New Haven	98	93	102		88			
Providence-Pawlucket-Warwick	88		90			•		
Trenton	96	95	- 00	97				
Worcester York	92 93	91 92	. 92		92   85			
<del>-</del>								;
A Ab 1 Abon 050 000							. 88	
Areas with less than 250,000 population			_	89	91.	. 9.1	no	1.0
Lawrence-Haverhill	83	<del></del>		89	91	1		
Lawrence-Haverhill	83	<u>-</u>			_ :	80		
Lawrence-Haverhill		- - 81				80 84	: 71	: 8 9



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961–80—Continued

ļ		Office cler	ical	Skilled m	naintenance		Unskilled p	lant
Period and area	All indus- tries	Manufac- turing industries	Nonmanufac- turing industries	All indus- tries	Manufac- turing industries	All indus- tries	Manufac- turing industries	Nonmanufac turing industries
		Aver	age pay levels fo Standard Metrop					
MARCH 1967-FEBRUARY 1968—Continued		T • ·					Ţ.	- 
outh:		<u>.</u>		! !			•	!
Areas with 1,000,000 population or more:		:	•	•				; !
Atlanta	100	. 99	101		94	79	83	,
Baltimore	97	98	96	99	100	91	101	•
Dallas		93	95	91	91	80	80	i !
Houston		83	101	99	100	79	88	
Washington	102	_	104	94	_	85	86	ļ .
Areas with 250,000 but less than 1,000,000 population:			<u> </u> 					! ! !
Beaumont-Port Arthur-Orange	112	118	<u> </u>	105	106	93	103	
Birmingham	92	95	92	98	98	77	89	;
Charleston, W. Va	102	<u> </u>	- '	102	103	93	106	!
Charlotte	90	_	92	-	-	81	66	
Chattanooga	88	87	į <b>87</b> .	84	85	84	85	
Fort Worth	95	-	· 87	95	97	84	89	İ
Greenville	84	81	:	72	71	68	65	1
Jacksonville	90	ļ <u> </u>	91	¦ —	_	76	73	
Littlu Rock-North Little Rock	84	-	85	90	88	72	71	
Louisville	95	96	95	103	104	99	102	
Memphis	88	87	89	93	92	81	84	
Miami	90	86	92	87	_	71	72	
New Orleans	95	101	94	96	96	78	85	
Norfolk-Portsmouth and Newport News-			<u> </u>	Ì				
Hampton	92	_	87	68	<u> </u>	77	86	
Oklahoma City	91	ļ —	93	90		84	84	
Richmond	92	_	92	§2	90	1 80	33	
San Antonio Tampa-St. Petersburg	85 89	_	91	88	_	67 , 2	71 75	!
Areas with less than 250,000 population:				İ				
Jackson	86	<u> </u>	88	i —		73	71	! }
Lubbock	86	_	1 88	i –	_	68	64	} ?
Midland and Odessa	99	_	102	; -	_	_	-	!
Raleigh	85		87	i –	! –	69	65	!
Savannah	92	_	-	_	_	77	j /7	
orth Central: Areas with 1,000,000 population or more:			} 1					† 
Chicago	104	101	107	106	104	107	99	¦ 1
Cincinnati	97	95	98	98	98	102	105	!
Cleveland	102	102		102	102	108	109	1
Detroit	116	122	109	114	116	122	122	1
Kansas City	96	96	97	104	104	105	108	1
Milwaukee	99	98	97	106	106	111	109	1
Minneapolis-St. Paul	93	89	! 95	104	104	109	105	1
St. Louis	98	97	99	104	105	106	106	1
Areas with 250,000 but less than 1,000,000 population:				! !			<u> </u> 	
Akron	101	102	<sup>!</sup> 94	102	103	120	116	′ 1
Canton	92	92		95	96	106	104	
Columbus	92	98	! 89	98	98	94	98	!
Davenport-Rock Island-Moline	103	104	98	104	105	114	111	•
Dayton	105	105	100	106	107	107		•
Des Moines		91	90	103	103	101	110	-
Indianapolis	98				105	100		
Omaha	93	90	. 96 :		98	91	97	
South Bend	93	97				108		
Toledo	105	105	100	104	104			1
Wichita	99	99	95		94			: .
Youngstown-Warren	102	102		105	106	107	106	. 1



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by Industry division, selected periods, 1961–80—Continued

	**	Office cler	ical	Skilled m	aintenance		Unskilled P	lant
Period and area	All indus- tries	Manufac- turing industries	Nonmanufac- turing industries	All indus- tries	Manufac- turing industries	All indus- tries	Manufac- turing industries	Nonmanufa turing industries
		Aver	age pay levels fo Standard Metrop					
MARCH 1967-FEBRUARY 1968-Continued							<u> </u>	i
iorth Central—Continued Areas with less than 250,000 population:								
Green Bay	93		_	91		110	106	. 1
Muskegon-Muskegon Heights	98	95	_	53	93	111	108	
RockfordSioux Falls	94 89	91	_	92	92	101	; 100 ; 102	
Waterioo	104	_	_	108	_	119	117	•
***************************************	104		 	100		'''	1	! !
Vest:								İ
Areas with 1,000,000 population or more: Los Angeles-Long Beach and Anaheim-	440	110	440	405	105		107	
Santa Ana-Garden GroveSan Diego	112 104	112	112 99	105	105	114	107	
San Francisco-Oakland	104	108 110	111	107 113	107	110 126	115	1
Seattle-Everett	106	1 10	103	104	104	120	118	
Areas with 250,000 but less than 1,000,000 population:			.00	104	.04	120		
Albuquerque	95		98	_	_	97	89	1
Denver	97	97	99	98	97	101	101	
Phoenix	96	99	93	101	100	87	94	
Portland	100	94	103	102	102	113	106	
Salt Lake City	93		94	96	95	90	101	
San Bernardino-Riverside-Ontario	106		106	100	101	101	105	
San Jose	112	110	109	108	108	116	112	1
Spokane	98		97	_	_	111	110	1
Areas with less than 250,000 population:	91		90		_	99	81	1
		Aver	age pay levels to				roup in 229	
			Standard I	Metropolita:	n Statistical A	reas = 100		
MARCH 1969-FEBRUARY 1970					1		ŀ	
ortheast:							1	
Areas with 1,000,000 population or more:								
Boston	97	95	99	95	84	95	ر 9	
Buffalo	100	101	97	103	103	106	106	,
Newark and Jersey City	101	100	101	101	100	105	137	
New York	105	102	107	100	101	108	103	
Paterson-Clifton-Passaic	99	98	98	98	98	105	98	
PhiladelphiaPittsburgh	97 101	97 102	96 98	96 98	97 98	103 10 <b>6</b>	100 106	
Areas with 250,000 but less than 1,000,000	101	102	90	36	50	100	100	
population:				_				
Albany-Schenectady-Troy	99		100	97	97	102	95	]
Allentown-Bethiehem-Easton	102	102	94	91	91	102	98	1
Binghamton 3	95		-	86	-	82	! 80	
New Haven Providence-Pawtucket-Warwick	98 88	93 36	101 69	88 87	87 85	90 83	92 78	
Rochester	109	109	99		ł	(°)	(4)	
Syracuse	ο.	94	94	(4) 95	(1) 93	96	98	
Trenton	9,	95		94	. 94	99	96	1
Utica-Rome	93	91		88	87	89	90	ı
Worcester	93	91	95	89	89	95	94	
York	91	91		88	86	96	88	
Areas with less than 250,000 population:								_
Lawrence-Haverhill	95		1	90	90	92	. <b>86</b>	1
Manchester	84			78	- 55	86	73	
Fortland	86		86	82	83	88	84	
Scranton	87	84		85	_	94	81	1
Waterbury	97	95		89	88	88	89	



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961–80—Continued

		Office cler	ical	Skilled n	naintenanc	–	Unskilled p	lant
Period and area	All indus- tries	Manufac- turing industries	Nonmanufac- turing industries	All indus- tries	Manufac- turing industries	All indus- tries	Manufac- turing industries	Nonmanufa turing industries
		Aver	age pay levels fo Standard Metrop	r each indu	ustry and occu	ipational gi	roup in 229 tinued	·
MARCH 1969-FEBRUARY 1970-Continued			-		 		<u> </u>	
outh:		į		ı I				ł
Areas with 1,000,000 population or more:		1		<b>1</b> ;	İ			: I
Atlanta	99	99	100	96	94	80	83	
Baltimore	97	99	96	98	¦ 99	93	101	
Dallas	94	93	96	94	94	84	84	
Houston	100	100	101	99	99	80	91	
Miami	93	_	95	89	!	75	75	
New Orleans	93	_	93	95	95	77	88	
Washington	104	101	106	98		85	92	
Areas with 250,000 but less than 1,000,000					,			•
population:	440	445			100	00	100	
Beaumont-Port Arthur-Orange	110	116	_	104	105	98	108	
Birmingham	91 92	94	90 94	94	95	77	86	
Chattanooga	92 86	86	94 85	83	83	82 84	69	
Fort Worth	97	99	91			87	84	
Greenville	85	83	87	96 73	98	-	92 67	
Jackson	85	63	86	/3	72	72	70	
Jacksonville	90	_	91	84		72 75	70	
Little Rock-North Little Rock	85	87	85	91	90	73	71	
Louisville	94	94	93	1	1	73 98		
1	89	90		102 93	103		101	
Norfolk-Portsmouth and Newport News-	09	90	89	93	92	83	00	
	90		o c			70	04	
HamptonOkiahoma City	89 : 90 :	89	85 91	91 90	_	78 81	84	
Richmond	91	94		90	_	81	81	
I I		_		90			71	
San Antonio	83 88	83	84 90	87	85	69 74	79	
Areas with less than 250,000 population:	00					0.5	100	
Charleston, W. Va	99		94	98	98	85	102	
Lubbock	85		87	_	! <del>-</del>	73	67	
Midland and Odessa	98 86		101	_			68	
Raleigh Savannah.	93	_	87 —	_	_	72 78	76	
;								
orth Central:  Areas with 1,000.000 population or more.					l			
Ohana	105	102	107	106	104	108	101	
Cincinnati	96	–	94	i .	99	100	104	
Cleveland	101	101	_	104	104	108	109	
Detroit	116	122		114	116	122	121	•
Indianapolis	98	102	- 1	104	104	102	103	
Kansas City	96	95	97	103	104	103	106	
Milwaukee	99	98	97	106	108	108	107	•
Minneapolis-St. Paul.	93	90			106	107		
St Louis	98		98	105	106	105	107	
			:					
Areas with 250,000 but less than 1,000,000 ; population.				!	;		! !	
Akron	101	102	97	102	; 102	119	114	1
Canton	92	93				107		1
Columbus	95	97	93	99	98	94	96	
Davenport-Rock Island-Moline	105	108	98		110	115	113 +	•
Dayton	103	106	97				109	
Des Moines	88	92	88 :	101	101	100	· 110 <sup>:</sup>	
Omaha	91 .	. 89	93	95	96	88	94	
Rockford	95	93	_ :	95	. 97 ;	105	102	
South Bend	92	94	<del>-</del> -	100	100	103	101	
Toledo	106	108	101	104				1
Wichita 5	101	102	97	97	95	101	102	
Youngstown-Warren	101 -	102		104	106	105		1



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961–80—Continued

;		Office cle	erical		Skilled i	maintena	nce	7	Unskilled	plant	
Period and area	All Indus- tries	Manufac- turing industries		manufac- turing dustries	All Indus- tries	Manu turir Indust	19	All indus-	Manufac- turing industries	tui	anufac ring istries
		Ave		ay levels to dard Motrop							
MARCH 1969-FEBRUARY 1970—Continued	•	!			:			· 1			
Forth Central—Continued						:		:			
Areas with less than 250,000 population:		Í	1			ļ	İ				
Green Bay	92	¦	.		92	!	1	113	107	' <b> </b>	11
Muskegon-Muskegon Heights		99	) į	-	95	i	94	114	112	!	
Sioux Falls		: _	.		-			102	105		8
Waterloo		;	.	-	107	ŀ	- !	121	119	) <u> </u>	
İ			İ		!	:		:		!	
/est:		:	1		i	i	i	i			
Areas with 1,000,000 population or more:			•							•	
Denver	97	98	١.	98	93		97	99 ;	103	i	!
Los Angeles-Long Beach and Anaheim-		i	:		•	1					
Santa Ana-Garden Grove		111		110			105	110	102		1
San Bernardino-Riverside-Ontario		109		106	103		103	100	106	;	
San Diego		107		100			109	109			
San Francisco-Oakland		108		110			115	124 -	122		1
San Jose				107			111	115	113 120		1
Seattle-Everett	105	, 107	' '	102	106	1	107	119 ¦	120	,	'
Areas with 250,000 but less than 1,000,000 population:		[ ! !	i i		!		i	!		į.	
Albuquerque	90		. :	92	!		<b></b> !	87 1	81	l <u>:</u>	
Phoenix		99	)	92	. 98	; ;	98	88	90	) :	
Portland		94	١ .	100	105	; ;	105 ່	113	104	l i	1
Salt Lake City		: 93	3	91	94	!	93 '	<b>88</b> ı	96		
Spokane	96	i -		94	105	:	105 -	106 :	106	<b>3</b>	1
		:	•		į	1	į	;		;	
Areas with less than 250,000 population:		:	:			,			0.0		
Boise City	90	. –	-	92	·	• 1	<del>-</del> :	93	85	) · :	
		•	•	<b>51</b>		. 1	eu.	Iled	1	•	
	Of	fice clerical	ļ		tronic data ocessing	1		nance	Un	skilled pia	ant
		,	Non	į į	Ī	Non-			1		No
		Manu.	Non⊷ nanu⊷		Manu-	manu-	<b>A</b> 11	Manu-	A	Manu-	mar
	All	ractur- ; f	actur-	All indus	TACTILIT .	factur-	All indus-	factur-	All Indus-	factur- ing	fact
•	indus- ; tries	ing ' '' indus- ; ;	ing		indue.	ing	tries	indus	tries	ındus-	ing
	""	tripe II	ndus-		tries	indus- tries		tries		tries	trie
	·	<u>_</u>	tries	<u></u>		1103		<u>.</u>	<del></del>		
	:	Av	erage p Stan	oay levels fo dard Metro	or each in politan Sta	dustry an	d occupa	ational gr	oup in 229 inued		
**************************************	,	•	1	1	t .	1			i .		1
MARCH 1971-FEBRUARY 1972	1			•	_ :	i				440	!
Akron, Ohio	101 :		96	99	98 !	- !	104			118	
Albany-Schenectady-Troy, N.Y		<del>-</del> .	102	ı	<del>-</del> :	<b>-</b> :	96	96			; <b>1</b>
Nbuquerque, N. Mex	88		90		· :	- 1		•			
illentown-Bethlehem-Easton, PaN.J			92	96	- ,	101	93	94		88	
itlanta, Ga	100 ·	97 :	101	99 .	<del>-</del> :	101	96	: 94	, 60	00	1
laltimana Add	00	104	97	96	}	97 :	98	99	90	104	1
			31 ·			31	100	102	_	107	
Baltimore, Md		117		_		:	85	83		76	:
eaumont-Port Arthur-Orange, l'ex	90		-			_ '	93	93		84	!
leaumont-Port Arthur-Orange, l'ex	96	QA	AQ.							- *	
leaumont-Port Arthur-Orange, I'ex	90	94	89 1 91	_					. 88		•
leaumont-Port Arthur-Orange, I'ex	90	•	89 91	_		- ,			. 88		į
Beaumont-Port Arthur-Orange, I'ex	90 90	-:	91	. 92	99	98	 97	97	_	95	İ
Beaumont-Port Arthur-Orange, I'ex	90 90 98	98	91 99	92 98	99	98 . 1	97 103	97	. 94	95 106	•
Beaumont-Port Arthur-Orange, I'ex	90 90 98 101	98 102	91	. 92				97	94 107		
Beaumont-Port Arthur-Orange, I'ex	90 90 98 101 92	98	91 99 97	92 98 96			103	97 . 103	94 107 104	106	· 1



Table 103. Interarea pay comparisons 1—relative pay levels by industry division, selected periods, 1961–80—Continued

	U	ffice cleric	aı ;	F	rocessing	, (	mainte	nance	Un	skilled pla	ınt
Period and area	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Nor man factu ing indu trie
			Average p	pay levels	for each i	industry a	nd occupa	ational gro	up in 229 nued		
MARCH 1971-FEBRUARY 1972—Continued	<b></b>				<u> </u>		<i></i>				
Chattanooga, TennGa	86	87	84	85		-	84	85	83	84	
hicago, III		101	106	102	99	104	107	105	111	101	1
Cinginnati, Chio-KyInd		97	95	95		93	99	99	100	106	١.
le eland, Ohio	102	101	100	101	98	101	103	104	110	111	1
Columbus, Ohio	92	95	91	92	_	93	98	! 97 !	89	93	
			ا م	00	_	94	90	89	80	82	
Dallas, Tex		106	95	93 106	_	94	108	110	115	113	1
Davenport-Rock Island-Moline, lowa-III		105	100	100	102		105	106	112	112	1
Dayton, Ohio		100	98	99	102	97	100	100	97	102	'
Denver, Colo	88	92	87	87		87	101	101	101	112	1
es moines, lowa	00	32	0,	•		]				]	
Detroit, Mich	119	125	113	117	120	112	116	118	127	125	1
ort Worth, Tex	!	95	90	101		i –	93	95	81	88	
Green Bay, Wis		_	-	_	¦	· -	92	_	115	109	¦ ¹
Broenville, S.C		81	86	-	<b>–</b>	_	72	72	69	64	
louston, Tex		98	99	99		100	98	98	77	88	
Huntsville, Ala		-	94	_	-	_	88	_	71	68	ļ .
ndianapolis, Ind		104	92	98	106	91	105	105	106	107	1
lackson, Miss	84	-	85	_	-	-	_	_	67	69	
Jacksonville, Fla		-	91	89	-	90	83		77	77	
Kansas City, MoKans		95	97	104	j	105	106	105	108	108	
_awrence-Haverhill, MassN.H			_	i -	· —	_	89	89	73	71	
ittle Rock-North Little Rock, Ark	82	-	81		<u> </u>	_	93	92	/3	''	
Los Angeles-Long Beach and Anaheim-Santa	400	100	100	107	106	108	104	105	112	106	
Ana-Garden Grove, Calif		108	108	107 97	103	100	102	103	98	100	
_ouisville, KyInd _ubbock, Tex	1	95	86	-	-	_	-	-	72	71	
Manchester, N.H	!		! ! 86	_	_	! _	77	_	89	76	
Memphis, TennArk		91	90	_	_	_	93	92	82	90	
Miami, Fla	1 _1	90	98	99	<u> </u>	100	92	84	75	75	
Widland and Odessa, Tex		_	102	-	_	-		-	-	_	
Milwaukee, Wis		97	97	96	95	97	107	107	106	109	
Minneapolis-St Paul Minn	. 94	91	! : <b>96</b>	95	97	i ; 94	108	107	114	106	ì
Muskegon-Muskegon Heights, Mich	1	99	•	_	_	!	93	92	110	106	
Newark and Jersey City, N.J	1	101		102	103	102	101	100	107	107	
New Haven, Conn		93	100	· –	<u> </u>	-	90	89	86	96	
New Orleans, La		93	92	98	-	99	91	90	73	87	
New York, N.Y	. 109	105	; 111	109	108	111	101	101	112	105	
Norfolk-Portsmouth and Newport News-Hampton,		1								70	
Va			82	86	•	-	89	-	75	79	
Oklahoma City. Okla	. 88					-	91	94	79 89	96	
Omaha, Nebr -lowa Paterson-Clifton-Passaic, N J			93			94 107	94	97	1	98	
	:		,			98	. 06	97	104	100	j
Philadelphia, PaN.J					98	. 98	96 99	1		1 1	
Phoenix, Ariz				99 101	:	95	99	100	:	1 .	1
Pittsburgh, Pa			98	- 101	_	1		1			1
Portland, Me									,	- ·	



Table 103. Interarea pay comparisons 1—relative pay levels by industry division, selected periods, 1961–80—Continued

	0	ffice clerk	cai		ectronic di processing			lled nance	U	nskilled pl	ant
Period and area	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	Ali Indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- Ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Non- manu factui ing indus tries
			Average   Star	pay levels ndard Met	for each	industry a	nd occupi Areas = 10	ational gro 00—Conti	oup in 229	)	_
MARCH 1971-FEBRUARY 1972Continued	-				r <u> </u>					]	Ι
Providence-Pawtucket-Warwick, R.IMass	89	87	88	87	_	_	88	85	85	80	9
Raleigh, N.C	. 87	_	89	_	_	_	_	_	72	68	-
Richmond, Va	. 92	93	92	94	-	93	85	95	80	85	7
Riverside-San Bernardino-Ontario, Calif	. 107 . 106	103 108	109 97	105	104	<u> </u>	98 (4)	98 (4)	96 (4)	98	9 (1
Rockford, III	04	00									`
St. Louis, Mo. al.	. 94 . 98	92 99	98			_	95	97	110	104	-
Salt Lake City, Utan		89	96 91	95	93	97	104	105	106	107	10
San Antonio, Tex	. 82	80	83	92	[ -	_	96	94	86	94	8
San Diego, Calif	103	106	98	101	100	_	106	106	65 108	69	6
	1							,00	100	_	
San Francisco-Oakland, Calif	. 110	108	112	106	104	107	117	116	130	125	13
San Jose, Calif	. 111	109	109	111	107	_	111	112	111	106	11
Savannah, Ga	. 93	_	_	_	-	-	-	_	72	76	-
Scranton, PaSeattle-Everett, Wash	. 87 . 102	8 <b>6</b> 101	85 103	97	_	99	88 106	84 105	98 123	88 18	10
Słoux Falle, S. Dak						5.5		.00			
South Bend, Ind	90	_	90	_	_	_	-	_	104	106	8
Spokane, Wash	91	92	90	-	_		98	98	109	105	10
Syracuse, N.Y	. 95	-	93	_		-	107		107	111	10
Tampa-St. Petersburg, Fla	. 95 . 87	94 82	96 90	94 89	94	_	96 87	94 85	97 72	100 78	9
Foledo, Ohio-Mich	1	105		00							
Frenton, N.J	105	105 97	101	96	94	-	105	107	115	110	110
Jtics-Rome, N.Y	93	91	-	_	_	-	96	94	94	92	10
Washington, D.CMdVa	104	103	105	99	_	101	89 97	89	91 66	91	8
Waterbury, Conn	96	94	-		_	-	89	89	87	93 89	_
Naterico, Iowa	106	_	_	_	_	į	106		101		
Vichita, Kans		95	92			_	91	89	121 89	91	86
Norcester, Mass	94	92	96	96	_		90	86	93	91	90
fork, Pa	90	91	_	_	_	_	88	96	98	89	10
Youngstown-Warren, Ohio	101	105	90		_	_	107	109	107	111	90
MARCH 1973-FEBRUARY 1974									İ		
Akron, Ohio	101	101	98	102	100	_ [	103	103	128	117	113
Nbany~Schenectady-Troy, N.Y	101		104	_	_		97	98	107	100	108
Nbuquerque, N. Mex	87	- 1	89	_	<b>-</b> [		_	_	78	80	7
Allentown-Bethlehem-Easton, PaN.J Atlanta, Ga	107 101	107 98	94 103	100 101	- [	102	95	97	108	101	108
		30	,03	101	-	102	97	94	79	92	77
Austin, Tex	1 1	-	85		-	[	- 1	- 1	69	67	_
Salti.nore, Md	98	100	97	93	-	95	100	100	86	99	80
leaumont-Port Arthur-Orange, Tex	116	124	-	<u> </u>	-	-	100	104	89	107	70
linghamton, N.YPa irmingham, Ala	95 92	93   95	91	97 90	94	_1	83 92	80   93	79 74	74 88	66
		30	- 1	50		_	2	33	1		
loise City, Idaholoston, Mass	86 99	98	88 100	97	07	_	-		93	77	108
luffalo, N.Y		104	98	97 96	97 95	98	97 104	97 105	91 106	90	101
anton, Ohio	93	92	20	91	1	_	95		110	108	100
harlesion, W. Va.	97	-	95	-	_	_	95	96 95	84	103 102	107 73
harlotte, N.C	93	85	96	97						 	
hattanooga, TennGa	87	88	85	97 87	-	99	84	82	81	72	83
hicago, III	105	102	107	102	99	102	85	85	82	83	69
	100	102	107		שש	103	108	104	111	101	117
incinnati, Ohio-KyInd	98	97	97	97	-	96	99	99	98	103	90



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961–80—Continued

	o	office cleric	cal		ectronic di Processing			lled nance	Uı	nskilled pla	ant
Period and area	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manus factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Non- manu factur i j indus tries
					for each ropolitan s					)	
MARCH 1973-FEBRUARY 1974-Continued											Γ
Columbus, Ohio	92 95	93	92	93 94	_	94	100	99	93	99	8
Davenport-Rock Isla/id-Moline, Iowa-III	107	108	101	107		94	91 107	91 109	81 117	85 113	7
Dayton, Ohio	103	105	96	100	99		102	103	111	110	9
Denver, Colo	99	99	100	100	101	100	98	98	102	103	10
Des Moines, Iowa	87	88	88	89	_	89	102	101	100	110	8
Detroit, Mich	118	124	112	118	119	111	114	117	124	122	11
Durham, N.C	92	-	-	-	_	-	-		80	90	-
Fort Lauderdale-Hollywood and West Palm Beach, Fla	93	]	02	1			0.7		74		
Fort Worth, Tex	90	94	93 85	99	_	95	87 92	89 95	74 81	88 88	7
Green Bay, Wis	93	94	92		_	_	94	94	107	107	10
Greenville, S.C	85	82	86	<u> </u>	_	l –	72	72	71	64	7
Houston, Tex	98	97	89	<b>ø</b> 6		98	97	37	75	89	7
Huntsville, Ala	93	-	_	-	_	_	92		87	66	1 -
Indianapolis, Ind	97	102	92	96	103	90	104	106	102	105	9
Jackson, Miss	85	-	86	_	-	_	81	78	66	89	6
Jacksonville, Fla	91		92	91	-	93	89	90	76	79	7
Kansas City, MoKans Lawrence-Haverhill, MassN.H	97 97	93	99	101	_	101	105 89	103	110	108	10
Lexington, Ky	89	_	_	_	=	=	86	_	93 71	80	91
Little Rock-North Little Rock, Ark	83	85	82	85	_	_	94	91	72	70	7
Los Angeles-Long Beach and Anaheim-Santa					ļ	1			'-		
Ana-Garden Grove, Calif	107	108	107	105	105	105	103	103	115	101	12
Louisville, KyInd	95	95	93	97	101	l –	100	1/12	98	102	8
Lubbock, Tex	86	_	88	-	_	-	_	_	70	68	8
Manchester, N.H	86	_	_	-	_	_	_	_	81	72	9
Melbourne-Titusville-Cocoa, Fla	93		97	_	_	-	_	_	_	-	-
Memphis, TennArk	92	90	93	_	-	<b>–</b>	95	93	77	88	6:
Miami, Fla	97	91	100	98	-	100	93	86	75	73	7
Midland and Odessa, Tex	96 99	97	100	-	_	97	105	106	87	107	10
Wilwached, 11/2	99	97	100	95	93	9/	105	100	103	107	10
Minneapolis-St. Paul, Minn	95	89	98	96	96	94	107	106	113	106	11
Muskegon-Muskegon Heights, Mich	967	96	_	-	_	_	91	91	111	109	i -
Newark and Jersey City, N.J	103	102	103	104	105	105	98	97	108	106	10
New Haven, Conn	99	92	102	-	-	-	89	88	83	93	71
New Orleans, La	90	94	90	91	-	92	91	92	70	69	64
New York and N₄ ⇒au–Suffolk, N.Y	108	105	110	109	107	110	100	100	115	104	120
Norfolk-Virginia Beach-Portsmouth and Newport											
News-Hampton, VaOklahoma City, Okla	85 89	88	83 90	89	_	_	90 95	88	74 76	79 80	7.
Omaha, Nebrlowa	92	- 55	93	93		95	93	94	86	96	8
Paterson-Clifton-Passaic, N.J	99	97	99	104	_	_	97	96	104	93	11
Philadelphia, PaN.J	97	98	96	99	96	100	97	96	103	99	10!
Phoenix, Ariz	90	96	88	98	101	94	99	100	82	81	8-
Pittsburgh, Pa	102	105	99	97	100	90	99	100	107	107	104
Portland, Me Portland, OregWash	86 98	91	88 101	95	89	99	80 1∩5	80 107	89 118	79 109	9: 12:
Poughkeepsie-Kingston-Newburgh, N.Y	105									80	
Providence-Warwick-Pawtucket, R.IMass	89	87	91	88	_	_	- 86	82	88 83	77	84
Raleigh, N.C.	90	86	92	-	_		86	-	75	72	7!
Richmond, Va	92	93	92	91	96	88	96	97	79	85	7!
Riverside-San Bernardino-Ontario, Calif	102	-	104	_	_	-	100	102	98	97	95



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961-80—Continued

	0	ffice cleric	al		ru 188ing		Skil mainte	lled nance	Ur	nskilled Pla	ant 1
Period and area	All Indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	No mar fact ind indu trie
			Average p	pay levels	for each i	industry a Statistical	nd occupa	ational gro C Conti	oup in 229 nued	ı	·
MARCH 1973-FEBRUARY 1974—Continued											
lockford, III	93	91	_	88	87	_	95	96	113	103	
t. Louis, MoIII	100	99	100	98	94	101	105	106	107	108	'
sit Lake City, Utah	89	87	90	92	-	_	95	92	85	81	ł
an Antonio, Tex	80	79	81	88	_	_			62	66	
n Diego, Calif	102	105	99	101	_	_	103	105	106	-	ł
- Secretary Oakland Oakl	111	109	112	108	106	109	117	118	131	124	1
an Francisco-Oakland, Calif	111	108	109	110	107	113	109	110	115	109	
in Jose, Califvannah, Ga	95	100		- 110		-	87	88	73	76	
ranton. Pa	88	87	86	_		_	85	81	96	85	1
pattie-Everett, Wash	101	101	100	98		99	106	106	125	116	1
tatio Livitati, wasii		''									
oux Falls, S. Dak	91	_	-	_		-	<b>–</b>	_	99	102	i
ruth Bend, Ind	91	92	91	-		-	97	97	107	103	1
okane, Wash	95	<b>–</b>	95	_	_	-	_	_	110		1
mpa-St. Petersburg, Fla	87	83	89	_		_	87	86	71	78	
ledo, Ohio-Mich	104	105	97	95	95	_	104	105	118	110	
a-tan At I	99	95		97	_	_	95	94	96	91	
enton, N.Jashington, D.CMdVa	105	106	107	100	_	101	98	99	87	96	
aterbury, Conn	96	94	107	100	_		90	88	81	84	1
aterioo, lowa	108	_	_	_	_	_	_	_	128	i –	1
chita, Kans	95	94	_	92	_		89	88	95	94	1
RATE TO THE STATE OF THE STATE	00	•				1	]				1
orcaster, Mass	95	93	95	91	_	-	86	87	97	97	1
xk, Pa	89	89	-	94	<b>–</b>	-	87	85	96	88	
xungstown-Warren, Ohio	101	107	-	_	_	-	108	109	111	115	
			Average	pay levels Standar	for each	industry a blitan Stat	ind occupi	ational gro	oup in 262	!	
AUGUST 1975-JULY 1976		<u> </u>							1	]	
kron, Ohio	101	97	102	102	100	_	98	97	120	115	
bany-Schenectady-Troy, N.Y	102	-	105	_	-	-	93	91	105	99	İ
naheirn-Santa Ana-Garden Grove, Calif	104	105	101	111	<b>–</b>	_	97	100	91	_	
lanta, Ga	103	102	105	104	-	108	100	97	85	92	
istin, Tex	86	-	87	94	-	-	_	_	64	-	
altimore, Md	101	107	99	99	_	101	103	103	87	103	
llings, Mont	1	107	89	_	<b>!</b> _			_	91		1
nghamton, N.Y -Pa		92	_	_	<b>–</b>	_	80	l –	80	76	1
mingham, Ala		97	93	92	_	93	95	97	73	86	
oston, Mass		96	100	97	96	98	94	93	94	92	
•					ļ	1	100	100	407	110	1
uffaio, N.Y		106	96	99	-	95	106	106	107	112	
anton, Ohio		96	94	95	<b>–</b>	-	98	99 84	84	83	1
hattanooga, TennGa		89	85 107	89 104	103	105	109	107	116	102	
nicago, III		102 96	97	99	103	100	98	99	101	106	
ncinnati, Ohio-KyInd	97	50	"	**	_	100			1		1
eveland, Ohio	101	100	100	103	101	105	104	106	108	113	
dumbus, Ohio	94	93	95	92	· –	94	98	97	89	97	
orpus Christi, Tex	91	<b>–</b>	-		-	-	99	102	68	88	
allas-Fort Worth, Tex	95	95	96	95	96	94	94	94	80	88	
avenport-Rock Island-Moline, lowa-III		116	105	_	-	_	111	112	124	118	
		404	0.00	07	98	_	103	104	111	113	]
		101	96	97	80	_	103	104	'''	13	
ayton, Ohio		1	1								
ayton, Ohoaytona Beach, Fla	_		101	102		E	00	οn	95	20	
ayton, Ohioaytona Beach, Flaenver-Bouldor, Coloenver-Bouldor, Colo	99	99	101	103	120	107	99 115	98 117	95 128	99 131	
ayton, Ohioaytona Beach, Fla	_	99 130	101 110	103 117	120	E	99 115		1 -	1	



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961-80—Continued

	0	ffice cleric	al		ectronic de processing			lled Inance	Ur	nskilled pla	ant
Period and area	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Nor man factu ing indu trie
			Average ; Stan			industry a Statistical					
AUGUST 1975-JULY 1976-Continued			Ţ			!		 !	, i I	•	;
resno, Calif	92	_	93	_	! -	·	97	95	93	98	i
Sainesville, Fla	87	-	_	-	_	·	: -	·	75		i
ireen Bay, Wis	94	97	91	_	i –		97	94	99	110	<u>'</u>
ireensboro-Winston-Salem-High Point, N.C		91	95	91	93	i	, 91	89	88	1 80	i
ireenville-Spartanburg, S.C		82	87	89	-	-	<b>71</b>	72	74	65	
artford, Conn	94	96	92	94		95	90	91	. 86	93	
ouston, Tex	1	100	102	101	_	! 103	1	102	. <b>7</b> 5	89	!
funtsville, Ala		100	102	.51	! _			83	69	64	!
ndianapolis, Ind		101	92	95	_	91	•	105	103	107	!
ackson, Miss	1		89	87	_	87		73	69	71	!
		1	1			0.5					
acksonville, Fla	L		94	93	-	95	87	88	69	83	Ι.
(ansas City, MoKans		95	101	101	_	101	107	104	111	109	1 1
exington-Fayette, Ky		_	89				90	88	76	82	١.
os Angeles-LongBeach, Calif		107 97	106 96	104	103	105	103	103	! 103 i <b>96</b>	1 93 108	
ouisville, KyInd	j 97	9'	30	98	-	-	100	102	30	100	1
lelbourne-Titusville-Cocoa, Fla		-	106	_	-	-	_	<u>-</u>		_	ĺ
femphis, TennArkMiss	92	92	93	66	-	-	, 95	95	78	89	
li <b>a</b> mi, Fla	99	91	102	99	-	101		!	74	75	1
lilwaukee, Wis		98	101	98	94	100	106	108	107	113	1
finneapolis-St. Paul, MinnWis	94	87	99	98	97	97	105	102	114	107	
lassau-Suffolk, N.Y	95	93	98	104	_	107	90	88	99	86	
lewark, N.J	104	99	108	107	103	109	99	98	99	103	1
lew Orleans, La	90	94	91	90	· —	91	92	94	72	89	1
lew York, N.YN.J	107	104	110	112	108	114	99	96	122	99	
Iorfolk-Virginia Beach-Portsmouth, VaN.C	85	-	85	-	-	_	91	89	72	77	
lortheast Pennsylvania	81	82	81	_	_	! _	; 81	76	91	78	
Oklahoma City, Okla		91	91	88		-	91	87	77	81	
)maha, Nebrlowa		94	98	95	i –	97	97	95	87	97	f
aterson-Clifton-Passaic, N.J	101	98	101	99		96	94	93	96	94	
hiladelphia, PaN.J		100	96	101	97	103	97	97	105	104	
Pittsburgh, Pa	105	109	102	98	98	94	102	103	104	111	i
Portland, Me		-	88	! _	_	! -	74	74	95	82	
ortland, OregWash		96	104	97	<u> </u>	102	109	110	118	113	i I
oughkeepsie, N.Y	i –	-	_	i –		i	ļ <u> </u>	_	95	88	
Providence-Warwick-Pawtucket, R.IMass	86	83	87	_	-	-	81	77	84	73	-
Raleigh-Durham, N.C	90	91	90	91		_	89	88	76	85	
Richmond, Va	1	94	91	92	98	89	100	98	84	92	1
Sacramento, Calif		_	102	_	_	! -	103	104	112	111	
Saginaw, Mich			-	_	_	-	: -	-	140	_	į
St. Louis, MoIII		100	99	98	94	101	102	103	106	110	
alt Lake City-Ogden, Utah	. 90	! ! 86	93	95		96	: . 97	95	1 <b>94</b>	. 88	: [
San Antonio, Tex	1	-	84	82		84		_	: 1_	70	
San Diego. Calif		104	96	97	98	i -	102	104	103		:
San Francisco-Oakland, Calif		111	112	107		108	117		'	124	i ·
San Jose, Calif		110	108	111	110	•	113		· _	110	
cattle Fuerat Wash	100	_	101	102		105	! • 110	· 111	: . 126	124	:
Seattle-Everett, Wash	1	94	101	103		105	96		96	99	1
South Bend, Ind		1	105	-	104		92	30		92	į
Stamford, Conn	1 11	106	97	i	104	. –	94	96	,	2.0	
Syracuse, N.Y	.: 97										



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961-80—Continued

	0	ffice cleric	al		ctronic da processing		Skil mainte	led nance	Ur	nskilled pla	ant
Period and area	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	No mai fact in indi trie
			Average p	pay levels idard Meti	for each opolitan S	industry a Statistical	nd occupa Areas == 10	itional gro 00—Conti	oup in 262 nued	!	
AUGUST 1975-JULY 1976-Continued											
renton, N.J		95	-	102	_	- 100	98	97	91	94 97	l f
Vashington, D.CMdVa	105 96	107 96	106	101 94	_	102	102 88	102 87	80 88	98	
Vichita, KansVorcester, Mass		93	96	92		94	84	85	96	87	
ork, Pa	89	90	87		_	_	89	85	103	91	
				į	!						{
JANUARY 1978-DECEMBER 1978							i 1			_	-
kron, Ohio		102	103	105	102	_	102	100	124	118	
ibany-Schenectady-Troy, N.Y	102	-	102		-	_	91	90	107	99	1
naheim-Santa Ana-Garden Grove, Calif	106	103	105	110	_	100	98	101	90	91 94	
itlanta, Ga	102	107	105	105 97	i –	108 97	96 101	93	86 93	98	İ
altimore, Md	105	107	104	97	-	97	101	103	83	90	
illings, Mont	90	_	90	l _	_	_	_	_	_	_	1
irmingham, Ala	1	98	93	96	_	97	89	90	71	85	}
oston, Mass		94	99	92	92	93	93	92	89	87	
luffalo, N.Y		103	90	95	<b>–</b>	_	109	111	110	112	
anton, Ohio		99	_	97		l –	99	101	114	108	
			İ								
hattanooga, TennGa		87	85	92		-	83	83	84	101	1
hicago, III		101	107	102	98	104	108	105 97	121	103	ļ
Cincinnati, Ohio-KyInd	1	96 102	96 100	93	101	94 107	107	108	110	116	
Cleveland, Ohio	1	91	97	90	101	93	97	95	95	98	
2010111LUGS, OTRO	1		1				1				
Corpus Christi, Tex	86	<u> </u>	-	_	_	_	99	100	69	92	1
Dallas-Fort Worth, Tex		95	94	96	98	95	93	92	78	83	1
Davenport-Rock Island-Moline, lowa-III		124	110	-	_	-	113	114	133	122	1
Dayton, Ohio		95	91	98	96	-	105	107	108	111	
Daytona Beach, Fla	-	_	_	_	_	-	-	-	01	_	1
Denver-Boulder, Colo	100	99	102	102	_	105	99	98	94	101	
Detroit, Mich	119	129	111	116	118	111	116	117	131	133	1
resno, Calif	91	-	92	-	_	_	95	95	92	88	
Gainesville, Fla	-	-	-	-	_	-	_	_			
Green Bay, Wis.	95	-	-	-	! –	-	96	95	105	113	
Secondary Winston Rolom High Rolet N.C.	97	95	96	95	94		94	89	88	83	
Greensboro-Winston-Salem-High Point, N.C Greenville-Spartanburg, S.C		83	88	91	-		70	70	74	64	
Hartford, Conn		93	90	94	_	_	89	90	85	90	1
louston, Tex	1	102	104	104	_	106	103	102	75	90	ŀ
Huntsville, Ala		_	92	_	-	-	_	_	72	66	
			1					400	407	100	
ndianapolis, Ind		107	92	94	-	86	106	108	107	108	
Jackson, Miss		-	89 95	83 95		84 97	80 96	97	74	87	
Jacksonville, Fla		92	101	100		101	106	104	114	115	
os Angeles-Long Beach, Calif	1	107	109	105	104	105	102	100	97	87	
The state of the s				1							
.ouisville, Ky -Ind		96	96	96	-	-	102	103	100	113	
Memphis, TennArkMiss		95	98	96	-	100	99	96	76	89	
Miami, Fla		88	101	105	-	107	86	107	106	87 107	1
Milwaukee, Wis		96 89	100	103	98 97	106	107	107	106	107	-
Minneapolis-St. Paul, MinnWis	94	1 09	9/	870	1 0'	34	104	102			
Nassau-Suffolk, N.Y	. 94	91	95	100	-	102	88	86	88	84	
Newark, N.J.	i	101	106	104	103	106	97	95	97	95	
New Orleans, La	1	-	90	-	-	-	98	,101		1	1
New York, N.YN J		103			108	110	98	96	118	1	
Norfolk-Virginia Beach-Portsmouth, VaN.C	.! 85	-	85	-	<u> </u>	<u> </u>	92	90	77	77	1



Table 103. Interarea pay comparisons <sup>1</sup>—relative pay levels by industry division, selected periods, 1961-80—Continued

	0	ffice cleric	:al		ectronic di processing			lled nance	Ur	nskilled Pla	ant
Period and area	Ail indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- factur- ing indus- tries	Ali indus- tries	Manu- factur- ing indus- tries	Non manu factu ing indus tries
			Average   Star	pay levels idard Met	for each ropolitan S	industry a Statistical	nd occupa Areas = 10	ational gro 00—Contir	up in 262 nued		
JANUARY 1978-DECEMBER 1978-Continued		<u> </u>	I								
Vortheast Pennsylvania	84	82	87	_			85	81	97	83	19
Oklahoma City, Okla		86	97	91	-	94	87	82	75 87	77	
Omaha, Nebrlowa		96	96	-		-	97 88	94 89	91	101	
Paterson-Cliftori-Passaic, N.J	97	94	97	98 99	98	99	97	98	106	105	l
Philadelphia, PaN.J	98	100	95	99	ן אס	33	! <b>9</b> /	30	100	103	
Pittsburgh, Pa	105	108	102	100	103	94	104	105	104	114	
Portland, Me	88	_	89	-	-	<u> </u>	72	j 70	99	81	1
Portland. OregWash	107	100	111	93	-	94	108	108	121	115	1
Poughkeepsie, N.Y			-	_	_	i -	70	-	89	84	1
Providence-Warwick-Pawtucket, R.IMass	87	85	88	88	-	-	78	78	80	72	
Richmond. Va	92	93	91	95	i –	93	99	100	85	90	
Sacramento, Calif	,	_	109	_		-	_	_	112	110	1
Saginaw, Mich	116	_	_	! -			_	_	148	i –	
St. Louis, MoIII	100	98	100	96	90	102	101	103	106	111	1
Salt Lake City-Ogden, Utah	91	89	93	94		96	95	94	93	80	
San Antonio, Tex	84	_	86	i _		<u> </u>		i _	69	67	1
San Diego, Calif	1	102	97	98	99	96	102	_	94	_	
San Francisco-Oakland, Calif		109	113	102	_	101	118	118	131	122	1
San Jose. Calif	• -	107	109	114	112	109	109	110	118		1
Seattle-Everett, Wash	111		111	97	_	99	111	111	124	120	1
					]		00	00	404	400	
South Bend, Ind		94		96	_	<u>-</u>	98	98	104	108	1
Toledo, Ohio-Mich		109	101	97	98	-	106	106	125 89	118	! '
Trenton. N.J	96	96	92	94		_	99 86	86	92	87	1
Utica-Rome, N.Y	90	93	85	91	=	103	104		79	97	1
Washington, D.CMdVa	104	-	107	102	_	103	104		1	•	
Wichita, Kans	98	98	95	95	i –	-	90	90	83	92	
Worcester, Mass	95	92	97	96	_	99	84	84	95	82	١.
York, Pa	91	90	_	_	<u> </u>	_	87	84	105	93	1
JANUARY 1980-DECEMBER 1980			İ		1	1	1	ļ		!	
Albany-Schenectady-Troy, N.Y	I 101	_	100	99		i -	87	84	113	98	1
Anaheim-Santa Ana-Garden Grove, Calif		102	107		! -	; <u> </u>	98	99	97	89	
Atlanta, Ga		98	108	105	92	110	95	92	84	91	
Baltimore, Md	,	104	105	1	i –	99	102	104	88	96	İ
Billings. Mont	94	-	i –	ı —	-	-	105	-	<u> </u>	105	į
Poston Mass	96	93	97	91	92	92	90	88	89	87	i
Boston. Mass Buffalo, N.Y		104	89	93	95	_	107	109	111	115	1
Chattanooga, TennGa		87	83	90	-	-	82	81	83	87	i
Chicago, III		101	106	102	1	105	107	103	122	99	1 1
Cincinnati. Ohio-KyInd	,	96	94			96	96	94	97	102	1
·	1					405	100	100	112	117	1
Cleveland, Ohio		97	103	102	98	105	10 <del>6</del> 97	106	112	117	'
Columbus, Ohio.		į <b>90</b>	96	91	-	54	102	104	71	91	
Corpus Christi, Tex		96	99	97	99	97	94	93	80	84	1
Davenport-Rock Island-Moline, Iowa-III	1	138	•	127	-	!	113	114	133	130	1
	ł	i	i	-	!	i	400	400	1 404	110	į.
Dayton. Ohio		93	•	98	101	i -	106	109	121	119	;
Daytona Beach, Fla	•	. 09	:	100	98	107		93	100		!
Denver-Boulder, Colo		98	103	103				117	134		
Detroit, Mich	•	i		121	123	114	90	86	91		;
r (dene, Caller	į.	1	; –	i -		;			i	!	
Gainesvilie, Fla			. –	' -	-	-	<u> </u>	-	79	1	
Gary-Hammond-East Chicago, Ind			88	•	<u>'</u>	! -	113	114	115	126	i
Green Bay, Wis			1	. 07	i	· –	93	90	104	•	-
Greensboro-Winston-Salem-High Point, NC						1	93		84		!
Greenville-Spartanburg, S.C	85	. 80	. 87	89	,	. —	! 70	69	72	. 64	:



Table 103. Interarea pay comparisons 1—relative pay levels by industry division, selected periods, 1961-80—Continued

	0	ffice cleric	cal	EI	ectronic d			illed enance	U	nskilled pl	ant
Period a;id area	All indus- tries	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries	All indus- tries	Manu- i factur- i ing i indus- tries	Non- manu- factur- ing indus- tries	Ali Indus- tries	Manu- factur- ing indus- tries	All andus-	Manu- factur- ing indus- tries	Non- manu- factur- ing indus- tries
					for each					!	
JANUARY 1978-DECEMBER 1978-Continued		İ	!		1		1		t		i 
Hartford, Conn		94	! 89	94	-	96	86	85	86		78
Houston, Tex	. 106	105	109	104	101	106	104	103		•	80
Huntsville, Ala	91				-			86	80	81	
Indianapolis, Ind	. 97 . 87	108	91 89	96 91		90			: 109 : 79	110 ; 79	100
Jacksonville. Fla		_	93	89	· ·	91	94	; ; 95	72	: 85	i   <b>71</b>
Kansas City, MoKans		90	103	97	95	99		100	116	113	113
Los Angeles-Long Beach. Calif	. 111	109	112	106	† 106	106		101	,	_	104
Louisville, KyInd		97 91	98 97	98 —	_	-	102	104 96	101 75	111	74
Miami, Fla	97	87	101	104	<u> </u>	107	i ! <b>85</b>		73	64	76
Milwaukee, Wis	. 99	95	101	98	92	103	104	103		107	99
Minneapolis-St. Paul, MinnWis	96	89	100	100	98	100	103				114
Newark, N.J		91 100	92 104	100 102	99	101	1	85 93		: 85	90
New Orleans, La	93	94	94	96	-	97	95 95	•		95 91	75
New York, N.YN.J.		99	102	106	105	107		93	115	90	126
Norfolk-Virginia Beach-Portsmouth, VaN.C		85 84	84	84	-	<del></del>	89	87	74	74	76
Oklahoma City, Okla		89	96	99	_	99	82 97	79 94	104	84 101	104
Omaha, Nebrlowa		91	97	103	i –	-	93	92	85	100	78
Paterson-Clifton-Passaic, N.J.	93	91	92	98	_		86	86	92	87	79
Philadelphia, PaN.J	98 104	98	97	95	92	97	1	96	105	98	106
Portland, Me	90	114	98   91	104	107	95	104	105	109 100	122 79	99 103
Portland, OregWash		97	108	97	95	98	109	109		109	115
Poughkeepsie, N.YProvidence-Warwick-Pawtucket, R.IMass	- 86	_	_	_	-	_	76	_			_
Richmond, Va	89	82 95	88 i 87 i	86 92	: -	91	76 100	75 101	81 84	72 99	91 77
Sacramento, Calif	99	101	101	-	_	-	107		110	106	121
Saginaw, Mich	118	_	_	_	_	_	_		157	_	_
St. Louis, MoIII		100 89	96   98	93 99	88	97 105	100 96	I	104 94	114 75	102 100
San Antonio, Tex	64	-	85	-	_	103		_	68	65	70
San Diego, Calif	100	101	99	105	104	-	98	98	84	_	82
San Francisco-Oakland, Calif	: :	110	116	108	106	110	114		131	123	135
San Jose, CalifSeattle-Everett, Wash		105	111	111 100	107	109	107	108		95	117
South Bend, Ind		93	111 94	100	_	102	97	98	112		124 99
Toledo, Ohio-Mich		110	102	98	96		105	105			114
Trenton, N.J		94	93	93		102	99	:	84	90	_
Wichita, Kans		110	104 99	101 98	· _ ;	102	101 90			94 98	79 79
Worcester, Mass	95	93	96	98	= :	100	83	82	-	88	_
York, Pa	91	90	!		i	_	86	83		88	106

<sup>&</sup>lt;sup>1</sup> In computing the data used in the wage comparisons, aggregates for all industries combined and for manufacturing and nonmanufacturing separately for each area were compiled by multiplying the average weekly salary for selected office jobs and the average straight-time hourly earnings for selected skilled maintenance and unskilled plant jobs by the all-industry employment in the job in all Standard Metropolitan Statistical Areas combined. For purposes of this comparison, aggregates for each job and industry

group are expressed as percentages of like groups in all metropolitan areas combined, adjusted for differences in survey timing.

- <sup>2</sup> Estimates relate to February 1967.
- 3 Limited to the New York portion of the SMSA.
- 4 Earnings information not collected for plant occupations.
- <sup>5</sup> Estimates relate to April 1970

NOTE: Dashes indicate data do not meet publication criteria



Table 104. Average annual salaries for selected professional, administrative, and technical occupations, 1961-82

	1	Acc	ountants 2				Audi	tors	
Year		ll i	<del> </del>	IV	V		II	111	IV
064	85 726	\$6,324	\$7,200	\$8,724 ,	\$10,548	<b>\$</b> 5,196	<b>\$</b> 6,46 <b>8</b>	\$7,728	\$9,480
961		6,456	7,416	8.988	10.872	5,340	6,600	7,932	9,840
962					11,232	5,544	6,900	6,244	10,092
963		6,708 j	7,668	9,228		5,832	7,188	8,520	10,28
964 ¹	6,240	6,840	7,908	9,504	11,568	5,032	7,100	0,520	10,20
965 1		7,044	8,124	9,792	11,940	6,204	7,440	8,748	10,72
966	6,576	7,308	8,328	10,116	12,336	6,408	7,740	8,904	11,19
967	6,990	7,820	9,879	10,660	12,795	7,1 <del>9</del> 0	8,354	9,449	11,63
968	7,451	8,277	9,067	11,273	13,531	7,645	8,707	9,977	12,30
969	8,002	9,013	10,029	11,967	14,373	8,387	9,287	10,726	13,12
970	8,503	9,609	10,686	12,755	15,477	8,894	9,955	11,475	14,04
		10,213	11,383	13,654	16,626	9,401	10,643	12,227	15,13
971		10,855	11,879	14.259	17,368	9,828	10,924	12,881	15,82
972	1			• •	18,400	10,310	11,360	13,568	16, <b>56</b>
973		10,934	12,472	15,068			12,024	14,341	17,49
974	9,739	11,549	13,285	16,051	19,560	10,352	12,024	14,341	17,48
1975	10,891	12,785	14,458	17,618	21,664	11,296	12,587	15,334	18,800
976	11,453	13,394	15,428	16,736	23,402	11,769	13,427	16,059	19,95
977	12,155	14,624	18,545	20,367	25,042	12,570	14,503	17,108	21,520
978	1	15,671	18,115	22,036	27,301	13,243	15,694	18,756	23,093
979	···	16,706	19,468	24,045	29,744	13,487	16,493	20,303	24,70
980	15,149	18,427	21,299	28,158	31,927	14,858	18,002	22,026	26,78
		20,153	23,545	3,819	35,141	16,369	19,814	24,401	29,47
981 982	~	22,068	25,673	31,658	38,680	17,901	22,065	26,502	32,00
		11	111	۱۷	'	1	II I	(1)	IV
1961	\$9,564	(°)			5,012	-	-	-	-
1962	9,972	\$11,460	\$13,1		5,192	-		-	_
1963		11,608	13,5	12 1	5,516	<b>-</b> !	-	-	-
1964 ¹		12,576	14,1	24 1	5,948	-	-	-	_
				1	1		1		
1085 1	10.740	12 588	146	04 1	7.028	_		_	_
		12,588 12,288	14,6		7,028 7.676	_	-	-	-
1966	10,800	12,288	15,1	44 1	7,676	_		- -	- - -
1968 1967	10,800 11,768	12,288 13,036	15,1 15,8	44 1 83 1	7,676 8,896		-	- - -	- - -
1966	10,800 11,768 12,289	12,288	15,1	44 1 83 11 77 11	7,676	- - -	-	-	- - - -
1966	10,800 11,768 12,289 13,212	12,288 13,036 14,135 14,637	15,1 15,8 16,5 17,7	44 1 83 16 77 19 14 20	7,676 8,896 9,046 0,586	- - - -	-	-	- - - -
1965 ¹	10,800 11,768 12,289 13,212 13,917	12,288 13,036 14,135 14,637	15,1 15,8 16,5 17,7	44 1 83 16 77 19 14 26 80 2	7,676 8,896 9,046 0,586	- - - -		-	- - - - - -
1966	10,800 11,768 12,289 13,212 13,917 14,449	12,288 13,036 14,135 14,637 15,647 17,191	15,1 15,8 16,5 17,7 18,7 20,8	44 1 83 11 77 19 14 2 80 2 97 2	7,676 8,896 9,046 0,586 3,133 4,597	- - - -	-	-	
1966	10,800 11,768 12,289 13,212 13,917 14,449 15,348	12,288 13,036 14,135 14,637 15,647 17,191 17,419	15,1 15,8 16,5 17,7 18,7 20,8 21,1	44 1 83 11 77 19 14 2 80 2 97 2 98 2	7,676 8,896 9,046 0,586 3,133 4,597 8,521	- - - - - -		-	- - - - -
1966	10,800 11,768 12,289 13,212 13,917 14,449 15,348 16,220	12,288 13,036 14,135 14,637 15,647 17,191 17,419	15,1 15,8 16,5 17,7 18,7 20,8 21,1 22,6	44 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,676 8,896 9,046 0,586 3,133 4,597 8,521 8,735	- - - - - -		-	- - - - - -
1966	10,800 11,768 12,289 13,212 13,917 14,449 15,348 16,220	12,288 13,036 14,135 14,637 15,647 17,191 17,419	15,1 15,8 16,5 17,7 18,7 20,8 21,1	44 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,676 8,896 9,046 0,586 3,133 4,597 8,521	- - - - - - - - - - - - - - - - - - -		-	- - - - - - -
1966	10,800 11,768 12,289 13,212 13,917 14,449 15,348 16,220 17,601	12,288 13,036 14,135 14,637 15,647 17,191 17,419 18,634 20,072	15,1 15,8 18,5 17,7 18,7 20,8 21,1 22,6 23,8	44 1 83 11 77 11 14 2 80 2 97 2 98 2 87 2 05 2	7,676 8,896 9,046 0,586 3,133 4,597 8,521 8,735	- - - - - - - - - - - - - - - - - - -		-	- - - - - - - - -
1966	10,800 11,768 12,289 13,212 13,917 14,449 15,348 16,220 17,601	12,288 13,036 14,135 14,637 15,847 17,191 17,419 18,634 20,072 21,323	15,1 15,8 16,5 17,7 18,7 20,8 21,1 22,8 23,8	44 1 1 83 11 77 11 14 2 80 2 97 98 87 2 90 2 90 2 90 2 90 90 90 90 90 90 90 90 90 90 90 90 90	7,676 8,896 9,046 0,586 3,133 4,597 8,521 8,735 9,021			-	- - - - - - - - -
1966	10,800 11,768 12,289 13,212 13,917 14,449 15,348 16,220 17,601 19,289 20,460	12,288 13,036 14,135 14,637 15,647 17,191 17,419 18,634 20,072 21,323 22,753	15,1 15,8 16,5 17,7 18,7 20,8 21,1 22,6 23,8 28,2	44 1 1 83 11 77 11 14 2 80 2 97 98 87 2 90 2 93 36 3 3	7,676 8,896 9,046 0,586 3,133 4,597 8,521 8,735 9,021	- - - - - - - - - - - - - - - - - - -		-	- - - - - - - - -
1966	10,800 11,768 12,289 13,212 13,917 14,449 15,348 16,220 17,601 19,289 20,460 22,558	12,288 13,036 14,135 14,637 15,647 17,191 17,419 18,634 20,072 21,323 22,753 25,320	15,1 15,8 16,5 17,7 18,7 20,8 21,1 22,6 23,8 26,2 28,1 31,3	44 1 1 83 11 77 11 14 2 80 2 97 98 2 98 2 9 95 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	7,676 8,896 9,046 0,586 3,133 4,597 8,521 8,735 9,021 2,094 3,916 8,789	- - - - - - -		-	- - - - - - - - -
1966	10,800 11,768 12,289 13,212 	12,288 13,036 14,135 14,637 15,647 17,191 17,419 18,634 20,072 21,323 22,753	15,1 15,8 16,5 17,7 18,7 20,8 21,1 22,6 23,8 28,2	44 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7,676 8,896 9,046 0,586 3,133 4,597 8,521 8,735 9,021 2,094 3,916 8,789 9,895	- - - - - - -			
1966	10,800 11,768 12,289 13,212 13,917 14,449 15,348 16,220 17,601 19,289 20,460 22,558 23,561 25,457	12,288 13,036 14,135 14,637 15,647 17,191 17,419 18,634 20,072 21,323 22,753 25,320 27,769 29,104	15,1 15,8 16,5 17,7 18,7 20,8 21,1 22,6 23,8 28,2 28,1 31,3 34,1 36,5	44 1 1 83 11 77 11 14 21 80 2 2 98 20 2 2 98 2 2 2 98 2 2 2 98 2 2 2 2	7,676 8,896 9,046 0,586 3,133 4,597 8,521 8,735 9,021 2,094 3,916 8,789 9,895 5,274	13,939	\$15,817	İ	•
1966	10,800 11,768 12,289 13,212 13,917 14,449 15,348 16,220 17,601 19,289 20,460 22,558 23,561 25,457	12,288 13,036 14,135 14,637 15,647 17,191 17,419 18,634 20,072 21,323 22,753 25,320 27,769	15,1 15,8 16,5 17,7 18,7 20,8 21,1 22,6 23,8 26,2 28,1 31,3 34,1 36,5	44 1 1 83 11 77 11 14 2 80 2 97 2 98 2 97 2 98 2 96 3 3 6 3 3 6 6 7 4 92 5 5	7,676 8,896 9,046 0,586 3,133 4,597 8,735 9,021 2,094 3,916 8,789 9,895 5,274	- - - - - - - - - -			\$24,18 23,90 25,74



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Table 104. Average annual salaries for selected professional, administrative, and technical occupations, 1961-821—Continued

	Year			Attor	neys	<b></b>	·		Bu	yers	,
		1		10	IV	V	VI		11	(1)	IV
1961		(5)	(5)	<b>\$</b> 11,604	\$14,664	\$15,336	\$20,712 i		_		
1962		(6)	(5)	11,844	14.918	16,440	22.392	_	-	-	-
1963	••••••	(5)	(5)	12,300	15,372	17,496	23,724		_	_	i
1964		(5)	(5)	12,818	18,032	18,420	24,288	_	_	_	
1965		(5)	( <sup>5</sup> )	13,644	18,500	20,040	04 004				
1966		(5)					24,804	50.045			
1967	•••••	(5)	( <sup>5</sup> )	14,052	18,728	20,748	25,838	<b>\$</b> 6,648	\$7,920	\$9,252	\$11,25
1968			( <sup>5</sup> )	14,419	17,206	21,415	27,293	7,030	8,211	9,819	11,80
969		(5) \$11,020	(5) \$12,780	15,283 15,879	17,936 19,163	22,152 23,685	28,841 29,421	7,344 7,877	8,860 9,289	10,280	12,43
								7,077	5,205	10,542	13,15
1970		11,859	13,585	18,884	20,304	25,391	33,032	8,512	9,759	11.665	13,89
9/1		12,932	14,345	17,509	22,178	28.277	33,375	8,998	10,375	12,585	14,78
972		13,498	14,640	18,392	23,448	27,528	34,828	9,380	10,922	13,117	15,55
973		13,478	15,555	19,565	24,693	30,035	37,048	9,603	11,431	13,835	18,42
974		14,223	18,357	21,082	25,956	31,999	38,180	10,073	12,141	14,859	17,42
975		15,220	17,757	22,558	28,159	34,040	41,048	10,881	13,337	15,995	18,98
978	•••••••••••••••••••••••••••••••••••••••	15,413	18,667	24,205	29,828	38,308	43,747	11,732	14,200	17,122	20.07
977	•••••	18,033	19,938	25,460	30,973	38,828	48,509	12,348	15,099	18,021	21,90
978	•••••	17,893	21,713	27,738	33,547	42,318	51,798	12,887	18,195		
979		18,740	23,468	29,644	37,807	45,599	56,964	13,859	17,107	19,590 21,200	23,85 25,50
980		20,911	25,549	00.004	40.064	40.004	20.044	4.00.	-	1	
081		22,477		33,034	40,864	49,864	60,641	14,861	18,487	22,904	27,77
VV   ,,										1 05 100	1 20 EQ
982		25,182	28,059 31,896	38,373 39,649 ob analysts	44,853 49,818	54,792 81,579	66,958 78,202	18,202 18,074	20,266 22,174	25,196 27,424	30,583 33,409
1982		25,182	31,896 J	39,649 ob analysts	49,818	81,579	78,202	18,074 Direct		27,424 connel	33,40
1982			31,896	39,649 ob analysts	49,818			18,074	22,174	27,424	
982		25,182 I \$5,918	31,896 J	39,649 ob analysts	49,818	81,579	78,202	Direct	22,174 tors of pers	27,424 connel	33,40
961 962		25,182 I	31,896 J	39,649 ob analysts	49,818	81,579 IV	78,202 I	18,074 Direct	22,174 fors of pers	27,424 sonnel III \$12,442	IV \$14,53
961 962 962 963		25,182 I \$5,918	31,896 J	39,649 ob analysts	49,818 III \$7,944	IV \$9,612	78,202 I \$8,678 8,844	18,074 Direct	22,174 fors of pers ,996 ,428	27,424 sonnel III \$12,442 12,900	IV \$14,53; 15,09
982 961 962 963		25,182 I \$5,918 8,096	31,896 J	39,649 ob analysts 732 056	49,818 III \$7,944 8,004	81,579 IV \$9,612 9,838	78,202 I \$8,678	18,074  Direct  II  \$9 10 10	22,174 fors of pers	27,424 sonnel III \$12,442	IV \$14,53 15,09 15,74
982 961 962 963 964		\$5,918 8,096 8,408 8,578	31,896 J	39,649 ob analysts 732 056 212 452	\$7,944 8,004 8,220 6,544	\$9,612 9,838 9,852 10,164	78,202 I \$8,678 8,844 8,952 9,660	18,074  Direct  II  \$9 10 10 11,	22,174 fors of pers .996 .428 .680 .160	27,424 Ronnel III \$12,442 12,900 13,440 13,896	\$14,53 15,09 15,74 18,51
961 962 963 964 965		25,182 I \$5,918 8,096 8,408	31,896 J J II 3 \$6, 7, 7, 7,	39,649 ob analysts 732 056 212 452 668	\$7,944 8,004 8,220 6,544 8,892	\$9,612 9,838 9,852 10,164 10,668	78,202 I \$8,678 8,844 8,952 9,660 9,578	18,074  Direct  II  \$9 10 10 11,	22,174 fors of pers .996 .428 .680 .160	27,424 Ronnel III \$12,442 12,900 13,440 13,896 14,520	IV \$14,53; 15,09; 15,74; 18,51; 18,956
961		\$5,918 8,096 8,408 8,578 8,636 7,080	31,896 J J II S \$6, 7, 7, 7, 7, 7,	39,649 ob analysts 732 056 212 452 668 752	\$7,944 8,004 8,220 6,544 8,892 9,432	\$9,612 9,838 9,852 10,164 10,668 11,340	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996	18,074  Direct  II  \$9 10 11 11 11 11 11 11 11 11 11 11 11 11	22,174 fors of pers .996 .428 .680 .160 .352 .880	27,424 sonnel III \$12,442 12,900 13,440 13,896 14,520 14,544	\$14,53; 15,090 15,74- 18,51; 18,95; 18,20-
961		\$5,918 8,096 8,408 8,578 8,636 7,080 7,821	31,896 J J II S \$6, 7, 7, 7, 7, 8, 8,	39,649 ob analysts 732 056 212 452 668 752 157	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407	18,074  Direct  ### ### ### ### ####################	22,174 fors of pers .996 .428 .680 .160 .352 .880 .394	27,424 sonnel III \$12,442 12,900 13,440 13,896 14,520 14,520 14,544 15,319	\$14,53; 15,090 15,74- 18,51; 18,95; 18,20- 19,186
961		\$5,918 8,096 8,408 8,578 8,636 7,080	31,896   J   II   S   S   S   S   T   T   T   T   T   T	39,649 ob analysts 732 056 212 452 668 752 157 820	\$7,944 8,004 8,220 6,544 8,892 9,432	\$9,612 9,838 9,852 10,164 10,668 11,340	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996	18,074  Direct  \$9 10 10 11 11 11 12 13	22,174 fors of pers .996 .428 .680 .160 .352 .880	27,424 sonnel III \$12,442 12,900 13,440 13,896 14,520 14,544	\$14,53; 15,09; 15,74; 18,51; 18,95; 18,20; 19,18;
961		\$5,918 8,096 8,408 8,578 7,080 7,821 (°) 8,137	31,896 J J II S \$6, 7, 7, 7, 7, 8, 8, 9,	39,649 ob analysts 732 056 212 452 668 752 157 820 081	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847	18,074  Direct  \$9 16 10 11, 11, 11, 12, 13, 13,	22,174 fors of pers .996 .428 .680 .160 .352 .880 .394 .215 .925	\$12,442 12,900 13,440 13,896 14,520 14,544 15,319 18,005 18,738	\$14,53; 15,09; 15,74; 18,95; 18,20; 19,18; 19,71; 20,58;
961		\$5,918 8,096 8,408 8,578 7,080 7,821 (°) 8,137	31,896 J J II S \$6, 7, 7, 7, 7, 8, 8, 9, 9, 9,	39,649 ob analysts 732 056 212 452 668 752 157 820 081	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847	18,074  Direct  \$9 16 10 11, 11, 11, 12, 13, 13, 14,	22,174 fors of pers .996 .428 .680 .160 .352 .880 .394 .215 .925	\$12,442 12,900 13,440 13,896 14,520 14,544 15,319 18,005 18,738	\$14,53, 15,09, 15,74, 18,51; 18,95, 18,20, 19,18, 19,71; 20,58; 21,926
961		\$5,918 8,096 8,408 8,578 7,080 7,821 (6) 8,137 8,938 9,232	31,896 J J II S \$6, 7, 7, 7, 7, 8, 8, 9, 9, 10,	39,649 ob analysts 732 056 212 452 668 752 157 820 081 571 397	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847	18,074  Direct  ### State	22,174 fors of pers .996 .428 .680 .160 .352 .880 .394 .215 .925 .832 .920	\$12,442 12,900 13,440 13,896 14,520 14,544 15,319 18,005 18,738 18,419 19,823	\$14,53; 15,094 15,744 18,51; 18,956 18,204 19,186 19,715 20,585 21,920 23,872
961		25,182 I \$5,918 8,096 8,408 8,578 7,080 7,821 (°) 8,137 8,938 9,232 9,441	31,896 J J II S \$6, 7, 7, 7, 7, 8, 8, 9, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	39,649 ob analysts 732 056 212 452 668 752 157 820 081 571 397 828	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018 12,528	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103 15,057	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847 12,593 13,730 14,313	18,074  Direct  \$9 10 10 11, 11, 12, 13, 14, 15, 18,	22,174 nors of pers .996 .428 .680 .160 .352 .880 .394 .215 .925 .832 .920 .401	\$12,442 12,900 13,440 13,896 14,520 14,544 15,319 18,005 18,738 18,419 19,823 20,153	\$14,53; 15,09; 15,74; 18,51; 18,95; 18,20; 19,18; 20,58; 21,92; 23,87; 24,738
961		\$5,918 8,096 8,408 8,578 7,080 7,821 (6) 8,137 8,938 9,232	31,896   J   II   S   S   S   S   S   S   S   S	39,649 ob analysts 732 056 212 452 668 752 157 820 081 571 397 828 010	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847	18,074  Direct  \$9 10 10 11, 11, 12, 13, 14, 15, 18, 17,	22,174 fors of pers  .996 .428 .680 .160 .352 .880 .394 .215 .925 .832 .920 .401 .753	27,424 sonnel III \$12,442 12,900 13,440 13,896 14,520 14,544 15,319 18,005 18,738 18,419 19,823 20,153 21,984	\$14,53; 15,09; 15,74; 18,51; 18,95; 18,20; 19,18; 20,58; 21,92; 23,87; 24,73; 26,81;
961		25,182 I \$5,918 8,096 8,408 8,578 8,636 7,080 7,821 (°) 8,137 8,938 9,232 9,441 9,382 9,783	31,896   J   II   S   S   S   S   S   S   S   S	39,649 ob analysts 732 056 212 452 668 752 157 820 081 571 397 828 010 488	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018 12,528 13,061 13,921	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103 15,057 18,211 17,283	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847 12,593 13,730 14,313 14,748 15,790	18,074  Direct  II  \$9 10 10 11, 11, 12, 13, 13, 14, 15, 18, 17, 18,	22,174 fors of pers  ,996 ,428 ,680 ,160 ,352 ,880 ,394 ,215 ,925  832 ,920 ,401 ,753 ,815	27,424 sonnel III \$12,442 12,900 13,440 13,896 14,520 14,544 15,319 18,005 18,738 18,419 19,823 20,153 21,984 24,078	\$14,53; 15,094 18,51; 18,95; 18,20; 19,18; 19,71; 20,58; 21,92; 23,87; 24,73; 26,81; 28,140
961		25,182 I \$5,918 8,096 8,408 8,578 8,636 7,080 7,821 (°) 8,137 8,938 9,232 9,441 9,382 9,783	31,896   J   II   S   S   S   S   S   S   S   S	39,649 ob analysts 732 056 212 452 668 752 157 820 081 571 397 828 010 488	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018 12,018 12,528 13,061 13,921	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103 15.057 18,211 17,283 18,459	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847 12,593 13,730 14,313 14,748 15,790 18,809	18,074  Direct  ### ### ### ########################	22,174  ors of pers  .996 .428 .680 .160 .352 .880 .394 .215 .925  832 .920 .401 .753 .815	27,424 sonnel III \$12,442 12,900 13,440 13,896 14,520 14,544 15,319 18,005 18,738 18,419 19,823 20,153 21,984 24,078 25,033	\$14,53; 15,090 15,74 18,51; 18,95; 18,20; 19,18; 19,71; 20,58; 21,920; 23,872; 24,738; 26,811; 28,140; 31,841;
961		25,182 I \$5,918 8,096 8,408 8,578 8,636 7,080 7,821 (°) 8,137 8,938 9,232 9,441 9,382 9,783	31,896   J   II   S   S   S   S   S   S   S   S	39,649 ob analysts 732 056 212 452 668 752 157 820 081 571 397 828 010 488	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018 12,528 13,061 13,921 14,949 18,091	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103 15.057 18,211 17,283 18,459 19,142	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847 12,593 13,730 14,313 14,748 15,790 18,809 18,193	18,074  Direct  ### ### ### ########################	22,174  ors of pers  .996 .428 .680 .160 .352 .880 .394 .215 .925  832 .920 .401 .753 .815 .938 .720	27,424  sonnel  III  \$12,442 12,900 13,440 13,896 14,520 14,544 15,319 18,005 18,738  18,419 19,823 20,153 21,984 24,078 25,033 28,845	\$14,53; 15,096 15,744 18,51; 18,956 18,204 19,186 19,715 20,585 21,920 23,872 24,738 26,811 28,140 31,841 33,060
961		25,182 I \$5,918 8,096 8,408 8,578 7,080 7,821 (°) 8,137 8,938 9,232 9,441 9,382 9,783 (°) (°) (°)	31,896   J   II   S   S   S   S   S   S   S   S	39,649 ob analysts 732 056 212 452 668 752 157 820 081 571 397 828 010 488 543 559 572	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018 12,528 13,061 13,921 14,949 18,091 17,018	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103 15.057 18,211 17,283 18,459 19,142 20,908	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847 12,593 13,730 14,313 14,748 15,790 18,809 18,193 19,062	18,074  Direct  ### S## 10  10  11,  11,  11,  12,  13,  13,  14,  15,  18,  17,  18,  19,  21,  23,	22,174  ors of pers  .996 .428 .680 .160 .352 .880 .394 .215 .925 .832 .920 .401 .753 .815 .938 .720 .755	27,424  sonnel  III  \$12,442 12,900 13,440 13,896 14,520 14,544 15,319 18,005 18,738 18,419 19,823 20,153 21,984 24,078 25,033 28,845 29,188	\$14,53; 15,09; 15,74; 18,51; 18,95; 18,20; 19,18; 19,71; 20,58; 21,92; 23,87; 24,73; 26,81; 28,140; 31,841; 33,060; 37,785
982		25,182 I \$5,918 8,096 8,408 8,578 7,080 7,821 (°) 8,137 8,938 9,232 9,441 9,382 9,783 (°) (°) (°)	31,896   J   II   S   S   S   S   S   S   S   S	39,649 ob analysts 732 056 212 452 668 752 157 820 081 571 397 828 010 488 559 572 040	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018 12,528 13,061 13,921 14,949 18,091 17,018 18,354	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103 15,057 18,211 17,283 18,459 19,142 20,908 22,818	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847 12,593 13,730 14,313 14,748 15,790 18,809 18,193 19,062 20,833	18,074  Direct  ### S## 10  10  11,  11,  11,  12,  13,  13,  14,  15,  18,  17,  18,  19,  21,  23,  26,	22,174  ors of pers  .996 .428 .680 .160 .352 .880 .394 .215 .925 .832 .920 .401 .753 .815 .938 .720 .755 .245	27,424  Bonnel  III  \$12,442 12,900 13,440 13,898 14,520 14,544 15,319 18,005 18,738 18,419 19,823 20,153 21,984 24,078  25,033 28,845 29,188 32,201	\$14,53; 15,09; 15,74; 18,51; 18,95; 18,20; 19,18; 19,71; 20,58; 21,92; 23,87; 24,738; 26,81; 28,140; 31,841; 33,060; 37,785; 40,835;
961		25,182 I \$5,918 8,096 8,408 8,578 7,080 7,821 (°) 8,137 8,938 9,232 9,441 9,382 9,783 (°) (°) (°)	31,896   J   II   S   S   S   S   S   S   S   S	39,649 ob analysts 732 056 212 452 668 752 157 820 081 571 397 828 010 488 559 572 040	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018 12,528 13,061 13,921 14,949 18,091 17,018	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103 15.057 18,211 17,283 18,459 19,142 20,908	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847 12,593 13,730 14,313 14,748 15,790 18,809 18,193 19,062	18,074  Direct  ### S## 10  10  11,  11,  11,  12,  13,  13,  14,  15,  18,  17,  18,  19,  21,  23,  26,	22,174  ors of pers  .996 .428 .680 .160 .352 .880 .394 .215 .925 .832 .920 .401 .753 .815 .938 .720 .755	27,424  sonnel  III  \$12,442 12,900 13,440 13,896 14,520 14,544 15,319 18,005 18,738 18,419 19,823 20,153 21,984 24,078 25,033 28,845 29,188	\$14,53; 15,09; 15,74; 18,51; 18,95; 18,20; 19,18; 19,71; 20,58; 21,92; 23,87; 24,738; 26,81; 28,140; 31,841; 33,060; 37,785; 40,835;
982		25,182 I \$5,918 8,096 8,408 8,578 8,636 7,080 7,821 (°) 8,137 8,938 9,232 9,783 9,783 (°) (°) (°) (°) (°)	31,896   J   II   S   S   S   S   S   S   S   S	39,649 ob analysts 732 056 212 452 668 752 157 820 081 571 397 828 010 488 543 559 572 040 333	\$7,944 8,004 8,220 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018 12,528 13,061 13,921 14,949 18,091 17,018 18,091 17,018 18,091 17,018 18,091 17,018 18,354 20,108	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103 15,057 18,211 17,283 18,459 19,142 20,908 22,818 24,231 28,315	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847 12,593 13,730 14,313 14,748 15,790 18,809 18,193 19,062 20,833 22,996 24,719	18,074  Direct  ### ### ### ########################	22,174  ors of pers  .996 .428 .680 .160 .352 .880 .394 .215 .925 .832 .920 .401 .753 .815 .938 .720 .755 .245	27,424  Bonnel  III  \$12,442 12,900 13,440 13,898 14,520 14,544 15,319 18,005 18,738 18,419 19,823 20,153 21,984 24,078  25,033 28,845 29,188 32,201	\$14,53; 15,09; 15,74; 18,51; 18,95; 18,20; 19,18; 19,71; 20,58; 21,92; 23,87; 24,73; 26,81; 28,140; 31,84; 33,060; 37,78; 40,83; 40,83; 43,933;
961		25,182 I \$5,918 8,096 8,408 8,578 8,636 7,080 7,821 (°) 8,137 8,938 9,232 9,441 9,382 9,783 (°) (°) (°) (°) (°) (°)	31,896   J   II   S   S   S   S   S   S   S   S	39,649 ob analysts  732 056 212 452 668 752 157 820 081  571 397 828 010 488  543 559 572 040 3333 795 296	\$7,944 8,004 8,200 6,544 8,892 9,432 9,818 10,401 10,595 11,183 12,018 12,528 13,061 13,921 14,949 18,091 17,018 16,354 20,106	\$9,612 9,838 9,852 10,164 10,668 11,340 11,964 12,577 12,830 13,035 14,103 15,057 18,211 17,283 18,459 19,142 20,908 22,818 24,231	78,202 I \$8,678 8,844 8,952 9,660 9,578 9,996 10,407 11,029 11,847 12,593 13,730 14,313 14,748 15,790 18,809 18,193 19,062 20,833 22,996	18,074  Direct  ### ### ### ########################	22,174  ors of pers  .996 .428 .680 .160 .352 .880 .394 .215 .925 .832 .920 .401 .753 .815 .938 .720 .755 .245 .981	27,424  Bonnel  III  \$12,442 12,900 13,440 13,896  14,520 14,544 15,319 18,005 18,738  18,419 19,823 20,153 21,984 24,078  25,033 28,845 29,188 32,201 34,285	33,40



Table 104. Average annual salaries for selected professional, administrative, and technical occupations, 1961-82 1—Continued

				Chemi	sts			
Year <sup>3</sup>		11	lii	IV	V	VI	VII	VIII
961	<b>\$</b> 5,772	\$6,684	<b>\$</b> 7,716	\$9,504	\$11,424	\$13,356	\$15,456	\$18,27
962	6,120	6,912	7,956	9,936	11,076	13,464	16.524	18,98
	6,384	7,188	8,292	10,248	12,420	14,112	16,860	19,82
963			- 1	•	12,744	- 1	17,328	23,08
9641	6,456	7,320	8,6G4	10,632	12,/44	14,748	17,320	23,00
965 ¹	6,612	7,584	8,808	10,980	13,068	15,168	17,928	22,21
966	7,104	7,884	9,108	11,448	13,740	15,936	18,900	23,30
967	7,590	8,482	9,719	12,044	14,405	16,575	20,110	24,67
968	8,061	8,931	10,187	12,751	15,263	17,324	20,561	25,41
969	8,736	9,626	11,063	13,359	16,080	18,529	22,473	27,09
970	9,164	10,233	11,737	14,218	17,066	19,700	22,937	27,7
971	9.688	10,776	12,459	15,036	17.928	20,514	24,520	29,7
972	9,838	11,092	12,901	15,670	18,581	21,277	25,888	30,8
973	10,028	11,534	13,217	18,140	19,312	22,602	26,899	32,0
974	10,660	12,408	14,298	17,283	20,702	24,079	28,203	34,4
975	11,801	13, <b>288</b>	15,572	19,204	22,700	26,729	31,362	37,85
	12,473	14,077	16,589	20,429	24,099	28,668	33,559	40.7
976	•	14,439	17,600	21,674	26,214	30,526	36,329	44.6
977	12,872				28,494	33,110	38,927	47,1
978 979	13,492   14,455	16,337 17,365	19,453 21,025	23,532 25,459	30,628	35,232	42,016	48,9
980	16,200	19,571	23,373	27,681	33,793	38,137	45,883	
981	18,092	21,089	25,438	30,801	36,663	41,911	48,845	
982	19,640	23,474	28,016	34,047	40,207	46,971	53,658	
				Engine	ers			
<u> </u>	1	ll l	111	IV	V	VI	VII	VIII
961	<b>\$</b> 6,576	\$7,308	\$8,460	\$9,984	\$11,520	\$13,368	\$16,476	\$19,05
962	6,708	7,488	8,652	10,248	11,880	13,740	16,608	19,5
	7.056	7,728	8,928	10,728	12,540	14,400	17,256	19,9
963 964¹	7,344	8,004	9,204	11,016	12,924	14,620	17,852	20,4
			0.400	44.076	10.070	45.006	18,012	21,1
965 1	7,512	8,292	9,468	11,376	13,272	15,336	18,672	
966	7,764	8,496	9,780	11,784	13,788	15,828	• •	21,6
967	8,388	9,078	10,330	12,424	14,523	16,604	19,332	22,2
968	9,023	9,771	10,963	13,095	15,223	17,361	20,216	<b>23</b> ,2
069	9,662	10,455	11,701	13,893	16,107	18,577	21,199	24,0
770	10,209	11,077	12,350	14,895	17,004	19,471	22,328	25,3
971	10,677	11,694	13,117	15,535	17,979	20,547	23,508	26,7
972	10,921	12,071	13,682	16,159	18,628	21,402	24,367	27,8
973	11,203	12,591	14,326	17,030	19,614	22,586	25,681	29,4
974	11,901	13,171	15,160	17,929	20,654	23,827	76,9 <del>6</del> 0	31,4
•	12,917	14,197	16,330	19,443	22,427	26,109	29,101	34,1
975		15,184	17,482	20,749	24,082	27,737	30,850	35,2
· ·	13.918	; }		22,072	25,620	29,376	32,999	38,0
976	13,918 14,613	18.221	י מאום.סן		,			12,10
976 977	14,613	16,221 17,567	18,696 20.194	- 1	28.001	32.264	30.52U !	+£. I
976 977 978		16,221 17,567 19,026	20,194 21,931	23,972 25,989	28,001 30,472	32,264 34,801	36,520 39,340	-
976 977 978 979	14,613 15,928 17,345	17,567 19,026	20,194 21,931	23,972 25,989	30,472	34,801	39,340	45,2
976 977 978 979	14,613 15,928 17,345	17,567 19,026 21,285	20,194 21,931 24,160	23,972 25,989 28,486	30,472 33,141	34,801 38,259	39,340 43,242	45,22 50,0
975 976 977 978 979 980 981 982	14,613 15,928 17,345	17,567 19,026	20,194 21,931	23,972 25,989	30,472	34,801	39,340	50,07 56,82 62,49



Table 104. Average annual salaries for selected professional, administrative, and technical occupations, 1961–82 <sup>1</sup>—Continued

Man.		Enginee	ering technic	ians 7				Drafters 8		
Year		II	111	IV	٧		II	111	١٧	٧
961	_	_	_ [	}		_		_	_	
962	\$4,704	\$5,460	\$8,252	\$7,068	\$7,932			_	_ !	
963		5,580	6,432	7,272	8,256					
964		5,820	6,672	7,512	8,556	_		_	_	
965	4,932	5,892 <sub>i</sub>	6,828	7,680	8,676	_	_	_	_	
966	5,100	6,000	6,984	7,908	8,940	_	_	_	-	
967	5,366	6,305	7,235	8,318	9,341	_	_	_	_	
968	5,585	6,661	7.596	8,767	9,788	_	_	_	1	
969	5,942	7,011	8,040	9,300	10,321			_	_	
970	6,298	7,520	8,541	9,837	11,043	-		_	_	
971	6,854	7,963	9,148	10,389	11,815	_	-	_	_	
972		8,207	9,507	10,788	12,259	-	_	_	_	
973	7,500	8,813	10,005	11,257	12,799		_	_	_	
974	7,975	9,122	10,491	11,974	13,654	_		-	_	
975	8,625	9,970	11,397	13,101	14,829	_	_		_	
976	9,064	10,841	12,258	14,178	16,086	_		_		
977	9,727	11,355	13,151	15,221	17,237	_	-	_	_	
978	10,461	11,918	14,062	16,302	18,703	_	_	_	_	
979	10,825	12,690	15,094	17,624	20,222	\$9,395	\$10,715	\$12,835	\$15,307	\$19,2
980	12,228	14,212	16,756	19,547	22,323	10,216	11,689	14,308	17,215	21,€
981	13,644	15,879	18,326	21,630	24,609	11,082	12,900	15,612	19,336	24,1
982		17,246	20,219	23,620	26,761	11,739	14,257	17,046	20,964	25,9

¹ Over the past 20 years, the survey has undergone a number of changes in scope that should be borne in mind when making year-to-year comparisons. For example, establishments in nonmetropolitan areas were added to the survey coverage in 1965; firms in mining, construction, and selected transportation and services industries were added to the 1977 survey. The minimum size of establishments within the scope of the survey, moreover, has been lowered since the mid-1960's—from 250 employees in all covered industries to 100 employees in parts of manufacturing and parts or all of serveral other industry divisions; e.g., finance, insurance, and real estate; in 1979, public accounting firms employing at least 50 workers were added to the survey.

parable for levels I and II. To improve comparability between the decades, data for journeymen and senior attorney levels prior to 1969 have been aligned with the more current skill level designations as follows:

*1961-69 level*—VII, VI, V, IV.

1969-82 level-VI, V, IV, III.

Revised definition introduced In 1979. Data for previous years not comparable because of changes in the number and definitions of work levels.

NOTE: Within each occupation, the work levels surveyed, usually designated by Roman numerals with class I assigned to the lowest level, are defined in terms of duties and responsibilities. Specific job factors determining classification, however, varied from occupation to occupation. From 1961 to 1966, the average month of reference was March; from 1967 to 1971 it was moved to June; and since 1972, it has remained March. For additional data see BLS annual bulletin National Survey of Professional, Administrative, Technical, and Clerical Pay.



<sup>&</sup>lt;sup>2</sup> Accountants VI, not shown separately were included in the survey beginning in 1980. March 1980 average was \$40,292; March 1981—\$43,754; and March 1982—\$48,549.

<sup>3</sup> Job added in 1979.

<sup>\*</sup> Revised definition introduced in 1962; data for 1961 not comparable.

<sup>&</sup>lt;sup>5</sup> Revised definition introduced in 1969; data for previous years not com-

<sup>&</sup>lt;sup>6</sup> Insufficient data obtained to warrant presentation of average salaries.

<sup>7</sup> Job added in 1962.

Table 105. Indexes of average straight-time hourly earnings <sup>1</sup> of production workers <sup>2</sup> in selected occupations in nonelectrical machinery manufacturing, selected metropolitan areas, selected years, 1945–81 <sup>3</sup>

[1978 = 100]

	Sele					Pr	oduction w	orkers in-				
Period	Laborers, material handling	Tool- and-die makers (other than jobbing)	All areas com- bined 4	Balti- more	Boston	Buffalo	Chicago	Cleve- land	Dallas- Fort Worth	Denver	Detroit	Hart- ford
1945: January	14.3	17.2	16.4	16.2	16.2	18.7	15.7	18.0	17.9		17.4	16.6
1946: October		20.1	19.6	19.3	19.0	20.4	19.0	20.9	20.3	l _	19.8	19.8
		21.6	21.6	21.6	21.2	20.4	21.1	23.9	21.8	<u> </u>	215	21.7
1947: November		23.2	23.4	23.1	23.7	23.0	23.2	24.9	23.3	_	22.5	24.2
1948: November	1	P .	1	24.5	25.8	24.2	25.4	27.1	25.9		23.0	23,8
1949; November	21.9	23.6	25.6	∠4.5	25.0	٤٦.٤	20.4	£7.1	25.5			
1951: January	23.8	24.8	25.8	24.5	25.8	24.2	25.4	27.1	25.9	_	24.7	25.7
1952: January		26.1	27.0	25.1	26.8	25.8	26.4	28.5	26.7	_	26.3	27.0
1953: January		27.8	28.8	27.2	28.4	28.0	28.3	29.9	28.2	_	27.8	29 3
1954: January		24.3	30.2	28.4	29.8		29.6	31.4	29.9	(5)	29.3	30.7
1955: January		30.2	31.1	30.7	30.8	29.7	30.7	32.2	30.4	31.0	30.1	31.6
1999: January	20.5	30.2	J	50.7	00.0							
1956: January	30.4	31.6	32.6	32.4	31.7	31.5	31.9	33.9	31.2	32.5	31.7	33.
1958: January	1	34.8	35.9	35.9	34.8	35.0	34.8	37.1	34.2	38.0	35.4	38.8
1959: January		36.2	37.1	38.0	36.4	36.0	36.1	37.9	35.4	38.8	36.1	38.0
1960: January		37.6	38.6	39.1	38.2	37.3	37.7	40.5	38.5	40.3	37.6	39.7
1961: March-May		38.9	39.8	40.8	39.9	38.8	38.2	41.4	37.6	41.8	38.7	41.0
1901. Med OII-Mey	. 00.0	00.0		10.0								
1962: March-June	39.5	40.0	40.9	41.6	41.1	39.5	39.4	42.9	38.8	42.0	39.5	42.0
1963: March-May		40.9	42.1	43.6	42.3	40.8	40.7	44.1	39.6	43.1	40.4	44.0
1964: March-May		42.3	43.2	44.9	42.9	42.1	42.1	45.2	41.2	44.2	41.2	45.
1965: April-June		43.4	44.2	48.1	43.1	43.5	43.0	46.4	42.4	45.5	42.3	48
1966: June-July		45.3	45.9	47.6	45.8	44.5	44.2	48.1	44.3	47.0	43.7	48.4
				Į								
1968: September-November	. 50.1	53.0	52.2	53.6	52.4	50.7	50.9	53.5	50.9	55.1	50.9	55.
1970-71; Winter *		59.6	59.0	58.9	60.4	51.5	59.5	59.5	59.1	85.1	58.0	62.0
1973: February		67.4	66.8	67.8	68.1	66.2	66.7	68.2.	65.2	71.1	85.4	68.
1974-75: Winter		79.0	78.1	79.1	78.2	78.8	76.6	79.5	78.0	81.8	76.8	79.
1978; January		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
1981: January		138.0	133.5	132.3	134.6	131.3	126.3	135.7	136.4	129.8	138.3	134.



Table 105. Indexes of average straight-time hourly earnings <sup>1</sup> of production workers <sup>2</sup> in selected occupations in nonelectrical machinery manufacturing, selected metropolitan areas, selected years, 1945–81 <sup>3</sup>—Continued

[1978 = 100]

	Hous- ton	Los Angeles- Long Beach 7	Milwau- kee	Minneapo- iis- St. Paul	New York <sup>7</sup>	Newark	Phila- delphia	Pitts- burgh	Port- land (Oreg.)	St. Louis	San Fran- cisco- Oak- land	Wor- ces- ter
1945: January	16.9	19.1	14.1	15.3	19.8	100	40.7	45.7		44.0	40.0	
1946: October		22.1	16.4	18.1	23.4	16.3 21.5	16.7 20.3	15.7 19.5	_	14.6 17.2	18.3 18.8	_
1947: November	21.1	23.7	20.1	19.6	25.4	22.9	20.3 21.6		_			_
1948: November	23.6	25.2	21.8	21.8	27.7		23.6	20.9	_	20.4	20.2	
1949: November	23.7	25.5	21.8	22.8	29.7	25.5 28.2	23.6	23.6 23.5		21.9 22.3	21.7	_
	20.7	20.0	21.0	22.0	28.1	20.2	24.0	23.5	_	22.3	21.8	
1951: January	25.3	27.4	23.5	23.7	31.8	27.4	26.2	26.5		23.5	22.8	
1952: January	26.5	28.7	25.8	25.1	32.2	29.3	27.8	26.5 28.9	_	25.5 25.0	24.7	_
1953: January	28 0	30.9	27.4	27.1	34.1	31.1	30.2	28.7	_	25.0 26.6	25.5	
1954: January	29.3	32.0	28.5	28.4	35.8	32.0	31.8	30.9	(*)	29.2	27.3	(5)
1955. January	30.4	33.3	29.3	29.3	37.2	33.0	32.8	31,5	27.6	30.4	27.3 28.1	(*) 31.8
•			20.0	20.0	37.2	33.0	32.0	31,5	27.0	30.4	20.1	31.0
1956: January	32.0	34.9	30.6	30.5	38.3	34.6	34.1	34.2	28.5	32.1	28.4	33.7
1958 January	35.8	38.7	34.3	33.3	41.7	37.6	38.5	38.2	31.7	35.2	33.8	36.8
1959: January	38.0	39.6	35.4	34.2	42.3	39.2	38.3	40.3	. 32.7	38.4	38.5	37.9
1960 January	38.7	41.2	38.7	35.5	43.5	39.6	39.9	41.4	35.7	37.8	37.4	36.6
1961. March-May	38.8	42.5	38.0	37.5	45.2	41.4	41.1	42.6	38.4	39.4	36.5	40.8
					10.0			76.0	00.4	38.4	30.3	₹0.0
1962: March-June	39.4	43.8	39.2	38.3	46.9	42.7	42.2	43.3	37.7	41.4	39.5	41.7
1963: March-May	40.2	45.2	40.2	39.2	48.3	43.6	42.7	43.6	38.8	42.9	40.8	43.2
1964: March-May	40.2	45.8	41.1	40.8	49.6	45.8	43.7	44.1	40.0	43.7	41.9	44.1
1965: April-June	41.6	47.4	41.7	41.8	50.6	46.6	44.8	44.8	41.6	45.1	44.2	45.5
1966: June-July	44.1	49.7	43.8	44.0	53.0	48.2	45.9	47.0	42.6	46.8	46.1	47.8
	77.1	40.7	73.0	44.0	33.0	70.2	75.0	****	7			77.0
1968 September-November	49.4	55.6	49.2	50.4	57.5	55.4	51.5	50.7	49.6	55.3	52.5	53.4
1970-71: Winter *	55. <b>8</b>	61.1	58.7	57.9	64.9	62.6	60.1	55.3	55.	81.8	60.5	60.9
1973. February	64.1	68.4	65.3	66.1	74.3	89.6	68.5	68.0	63.3	89.5	71.1	68.4
1974-75 <sup>.</sup> Winter	78.5	80.1	75.3	78.5	84.9	81.0	79.6	79.2	78.6	80.1	88.7	77.3
1978: January	100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0	100.0	100.0	100.0	100.0
1981 January	137.3	133.8	132.5	142.0	133.0	133.9	130.1	130.0	129.1	129.9	140.9	129.0
•	1 107.0	100.0	102.5	1	1 .00.0					_	1	

<sup>&</sup>lt;sup>1</sup> Excludes premium pay for overtime and for work on weekends, holidays, and late shifts.



<sup>&</sup>lt;sup>2</sup> Data for the 1976 index were adjusted to reflect changes in the earnings of men and women production workers from 1974 to 1978. Data for the 1974 index and earlier years relate to the earnings of men only.

<sup>&</sup>lt;sup>1</sup> Data for the periods shown as January 1951-60, December 1970, and December 1971, cover various months, generally winter, of the year.

<sup>&</sup>lt;sup>4</sup> The all-area average for the years 1945 through 1953 was made up of the areas shown and Providence, Syracuse, Atlanta, Chattanooga, Tulsa, Cincinnati, Indianapolis, and Seattle-Tacoma.

<sup>\*</sup> Data for 1954 and earlier years were not sufficiently comparable with information for subsequent years to show here, but these data were included in the total for all areas studied.

Except that data for Philadelphia relate to April 1971.

<sup>&</sup>lt;sup>7</sup> Data for the 1974 and earlier years also include the following metropolitan areas: Anahelm-Santa Ana-Garden Grove (combined with Los Angeles-Long Beach); Jersey City (combined with Newark); and Nassau-Suffolk (combined with New York).

NOTE: Dashes indicate no data or data that do not meet publication crite-

Table 106. Median negotiated wage adjustments in major collective bargaining units,1 1954-82

	Pri	vate nonfa	rm industr	ies		Manufa	cturing			Nonmanu	facturing	
Year		ll ments	Agreeme incre	ents with		ill ments	Agreeme incre	ents with ases	agree		Agreeme incre	ents wit
	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Perce
				First-year	adjustmer	nts in settle	ements ne	gotiated du	iring year			
54	5.8	* 3.1	5.7	(3)	5.8	(3)	5.7	(³)	5.6	(3)	5.6	
55	10.1	2 5.4	10.3	(3)	9.4	(3)	9.5	(3)	13.3	(3)	13.9	1
58	10.7	2 5.4	10.7	(3)	10.7	(a)	10.7	(a)	10.5	(3)	10.6	]
57		2 4.9	10.4	(a)	9.9	(a)	10.4	(3)	10.4	(3)	10.4	1
58	8.8	3.9	8.8	(3)	7.1	(3)	7.2	(a)	9.7	(3)	9.8	ļ
9	Į.	3.9	8.8	3.9	7.3	3.5	7.4	3.7	8.8	4.0	8.9	'
0	8.5	3.2	8.7	3.2	8.7	3.2	8.9	3.2	7.4	3.3	7.5	
10	_	2.8	7.0	2.9	8.0	2.4	8.5	2.5	9.0	3.6	10.0	1
1	:	2.9	1	3.6	5.0	2.4	8.8	2.9	10.2	4.0	10.2	1
2	1	4	8.0	3.6		2.5	8.0	3.0	8.5	3.4	9.5	:
3		3.0 3.2	8.5 9.0	3.4	6.8 5.7	2.5	8.0	2.2	10.0	3.8	10.0	
4	8.4	3.2	9.0	3.2	5.7	2.0	0.0		10.0			
5	10.0	3.6	10.0	3.9	10.0	4.0	10.0	4.1	11.0	3.7	11.0	
6 4	12.7	4.8	12.8	4.8	10.2	4.2	10.3	4.2	14.5	5.0	14.8	
7	18.0	5.8	18.1	5.7	17.5	6.4	18.0	8.4	15.0	5.0	15.0	
8	23.5	7.2	23.5	7.2	23.5	8.9	23.5	8.9	23.8	7.5 10.0	23.8 36.8	1
9	25.0	8.0	25.0	8.0	21.4	7.0	21.5	7.0	38.8	10.0	1 30.0	'
0	32.9	10.0	32.9	10.0	28.3	7.5	26.3	7.5	56.0	14.2	56.0	1
1		12.2	44.1	12.5	38.4	10.0	39.0	. 10.1	44.1	12.8	44.1	1
2	28.0	6.3	28.0	6.6	23.3	6.2	24.0	6.2	31.6	8.8	32.3	
3	26.4	5.5	28.4	5.5	26.4	5.6	28.4	5.8	30.0	5.5	30.0	
4	45.0	9.0	45.0	9.0	10.0	7.7	40.0	7.7	51.3	9.2	52.0	
5	81.7	10.0	65.0	10.0	42.0	9.0	45.0	9.2	70.0	10.0	70.0	1
8		8.5	49.0	8.7	40.0	8.8	40.0	8.8	60.0	8.2	65.0	
7	4	8.0	50.0	8.0	57.9	8.5	60.0	8.6	49.5	8.0	49.5	
78		7.3	52.0	7.5	48.0	8.1	48.0	8.2	53.3	7.0	54.0	1
9		7.7	50.0	79	45.7	7.0	45.7	7.0	80.0	8.5	83.0	1
30	80.0	9.4	80.4	9.4	51.3	6.8	51.8	8.6	81.8	9.4	81.8	
21	1	11.0	104.5	11.0	66.2	9.8	89.9	10.2	117.9	11.3	120.0	1
2	25.0	3.7	68.2	7.1	0	0	38.5	5.9	50.7	5.5	72.0	
		<del></del>	Annı	lal rate of	adiustmen	t over life :	of settleme	ents negoti	ated durin	g year	<del>_</del>	- <del></del>
	(3)	(3)	(3)	1	(a)	(3)	(3)	(3)	(3)	(a)	(3)	]
)64	·	(a)	(3)	3.0	(2)	(3)	(3)	(3)	(3)	(a)	(3)	
85	. (a)	(3)	(a)	3.3	(5)	(a)	(3)	(3)	(3)	(3)	(3)	
6 4			(e)	I	(3)	3.8	(3)	3.8	(3)	3.9	(3)	
57			14.7		14.5	5.1	14.5	5.1	14.7	5.0	14.7	
38			17.2		17.0	4.9	17.0	4.9	20.1	5.9	20.1	
9	L		21.2		15.8	5.8	15.8	5.8	32.8	8.5	32.6	
70	31.4	8.1	31.4	8.1	19.0	5.8	19.0	5.8	47.3	12.1	47.3	1
71		1	31.9		27.8	7.4	28.0	7.5	38.8	8.4	38.9	
72		4	25.8		21.0	5.8	21.1	5.8	30.7	6.6	31.6	
73			23.3		20.8	5.0	20.8	5.0	31.4	5.5	31.7	
74			33.8		27.9	5.3	27.9	5.3	41.7	7.7	41.8	
75	47.2	7.4	49.1	7.4	33.8	7.4	34.5	7.5	52.2	7.4	52.2	
76	1	1	39.3		29.3	8.0	29.3	6.1	55.0	7.1	55.0	
77		1	1	1	32.9	1	32.9	4.5	41.5	5.5	42.5	
78	7	1	1 .	8.9	37.2	8.8	37.3	8.8	50.2	6.7	1	
79	1	i	_	4	33.6	4.0	33.6	4.0	51.0	6.2	51.0	
30	. 47.3	6.3	47.3	8.3	41.1	4.2	41.1	4.2	82.4	8.1	82.4	
31					53.8	1	54.7	1	105.0	9.5		
82			[f]		•			I .	4		61.9	i



Table 106. Median negotiated wage adjustments in major collective bargaining units, 1 1954-82 —Continued

•	Pr	ivate nonfa	rm industr	ries		Manufa	cturing			Nonmani	ufacturing	
Year		dian itment		dian ease		dian Itment		dian ease		dian itment		dian ease
	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percen
•			_		Ci	nanges effe	ective in y	ear				
1956	(3)	(2)	10.8	(a)	(3)	(a)	(3)	(3)	(5)	(3)	(3)	(3
1957	(s)	(a)	12.7	(3)	(3)	(3)	11.5	(a)	(a)	(3)	14.0	e) (a
1958	12.5	(3)	12.8	(a)	(*)	(6)	(3)	(3)	(a)	(3)	(3)	(s)
1959	7.8	3.5	8.8	3.8	8.4	3.5	9.1	3.7	7.0	3.1		3.4
	7.0	5.5	0.0	3.6	0.4	3.5	9.1	3.7	7.0	3.1	7.8	3.4
1960	8.5	3.3	9.4	3.8	9.0	3.3	0.4		7.0		0.5	
1961	8.2	2.7				1	9.4	3.7	7.0	3.2	8.5	3.7
1962			8.0	3.1	6.9	2.7	8.0	3.0	5.7	2.8	9.0	3.6
1002	7.3	2.8	9.0	3.4	8.5	2.8	8.0	3.0	10.0	3.5	10.2	3.6
1963	7.5	2.9	9.4	3.4	7.5	2.7	9.0	3.2	7.4	3.2	10.0	3.7
1964	7.1	2.7	8.5	3.2	5.5	2.0	7.0	2.8	9.2	3.5	10.0	3.6
1965	9.2	3.4	10.0	3.5	10.0	3.4	10.0	3.7	9.0	3.4	9.8	3.4
1966 4	10.0	3.6	12.4	4.0	9.9	3.3	12.0	4.2	11.8	3.0	12.7	3.9
1967	12.9	4.4	15.0	4.8	12.0	4.0	12.0	4.4	14.9	4.8	18.0	5.2
1968	19.0	5.5	19.2	5.7	18.2	5.2	19.0	5.4	20.0	8.0	21.8	6.5
1969	19.0	5.1	19.1	5.1	17.5	5.0	18.0	5.0	20.0	5.2	20.0	5.6
1070												
1970	25.4	7.3	27.5	7.8	20.0	8.0	20.8	6.0	37.5	8.3	42.5	9.7
1971	31.3	8.0	37.8	9.2	25.3	8.3	27.1	8.8	44.1	10.7	45.1	12.1
1972	25.8	6.0	2 <del>6</del> .0	8.4	23.0	5.2	23.0	5.4	30.4	7.2	40.1	7.6
1973	34.3	7.3	35.5	7.4	30.0	7.3	30.2	7.4	36.2	7.2	36.2	7.5
1974	43.3	9.5	45.0	9.8	46.0	11.1	46.8	11.3	42.5	8.0	42.5	8.2
1975	53.7	8.8	53.7	8.8	53.3	8.8	53.7	8.6	55.2	8.6	55.2	8.8
1976	48.8	8.1	50.0	8.2	50.0	8.2	50.0	8.4	48.8	8.0	49.0	8.1
977	54.0	8.0	54.7	8.0	53.0	8.1						
978	60.0						53.0	8.1	54.2	8.0	55.0	8.0
070		8.5	60.0	8.5	60.0	8.9	60.0	8.9	60.0	8.4	60.0	8.5
1979	78.0	9.0	77.5	9.2	74.0	10.5	76.0	10.8	77.6	8.2	79.1	8.2
980	81.8	10.7	82.0	10.8	90.8	10.8	90.8	10.9	81.8	10.5	81.8	10.7
981	101.1	10.5	101.7	10.8	99.4	10.6	103.0	10.8	101.7	10.0	101.7	10.2
1982	67.4	8.7	70.0	7.1	55.7	5.8	60.0	5.9	75.0	7.7	77.3	7.9

<sup>&</sup>lt;sup>1</sup> Defined as those covering 1,000 workers or more.

estate; and the service industries.

Note: Adjustments include no wage changes, decreases in wages, and increases in wages; increases include only those situations where wages were raised.



<sup>&</sup>lt;sup>2</sup> Estimated.

<sup>3</sup> Not available.

<sup>4</sup> Prior to 1966, data exclude construction; finance, insurance, and real

Table 107. Mean negotiated wage adjustments in major collective bargaining units, 1968-1982

	: Pri	vale nonfa	rm industr	ies		Manufa	cturing			Nonman	ufacturing	
Year		(II ments		ents with	-	VII ments	Agreem incre	ents with		All ments		ents with
	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percent	Cents	Percer
				First-year	adjustme	nt in settie	ments ne	gotiated du	ring year			
968	} : 24.3	74	24.4	74	21.9	7.0	21.9	7.1	26.7	78	26 7	7
969		9.2		9.3			23.0	7.9	43.0	10.6	43 4	10
		í										
970			48.9	119		8.1	28.2	8.1	67.1	•	67.2	15
971			46 4		40 8		41.3	11.0	50.4	12.2	51.2	12
972		7.3				6.6	24.7	6.7	37.6	7.8	38 7	. 8
973		5.8	29.2	5.9	25.4		25.6	6.0	31.6	5.7	32.2	5
974	\$5.0	9.8	55 3	9.9	41.0	8.7	41.3	8.7	62.8	10.5	63.2	10
975	63.5	10.2	66.2	106	45.9	9.8	47.2	10.1	70.0	10.4	73.3	10
976	1	84	54.3		47.9	8.9	48.1	9.0	56.2	7.7	:	. 8
977		78	56.6	8.0	53.6	8 4	55.1	8.8	56.1	7.4	57.7	7
978		1 7.6	59.9	7.8	50.0	8.3	50.3	8.4	61.0	7.4		7
979		7.4	65.5			6.9	48.6	6.9	80.4	8.0	88.9	. 8
<b>370</b>	02.7	'-	1	•	, 40.0	. 0.0	1	0.0	00.4			_
980	87.9	9.5	88.2	95	60.3	7.4	60.6	7.4	107.1	10.9	107 5	: 11
981		98	113.9		50.1	7.2	89.7	9.4	122.9	11.2	134 4	. 12
982	1		74.0	7.0	22.5	2.8	51.6	6.3	57.9	4.8	92.2	7
	j · ·		ı. Annu	al rate of a	l Idiustment	Lt over life o	f settleme	ents negotia	ated durin	i⊥ Civeâr	···	•
000				i :		5.2		5.2	24.3	6.5	24.3	, 6
968		5.9	20.6	5 9 7.6	16.8 18.6	6.0	16.8 18.6	6.0	42.8	9.3	42.8	. 9
969	.; 30.1	7.6	; 30.2	7.0	10.0	0.0	10.0	0.0	42.0	0.5	1 42.0	1
970	39.9	8.9	40.0	9.0	22.1	6.0	22.1	6.0	55.7	11.5	55.8	11
971		8.1	34.9	8.2	29.0	7.3	29.3	7.4	40.2	8.9	40.3	:
972	1	6.4	30.2	6.5	21.1	5.6	21.3	5.7	34.8	6.9	35.6	
973		5.1	27 0	5.2	21.9	4.9	22.0	4.9	31.0	5.3	31.2	•
974		7.3	44.3	7.3	30.7	6.1	30.8	6.2	51.8	8.0	51.9	
			!			1	i					į
975	52.8	7.8	54.4	8.1	38.9	8.0	40.0	8.2	57.8	7.8	59.7	i 8
976	43.7	6.4	44.9	6.6	33.7	6.0	33.8	6.1	54.1	6.8	57.0	7
977	44.3	5.8	45.2	5 9	36.5	5.5	37.4	5.7	49.7	6.0	50.5	į 6
978	. 53.0	6.4	54.1	6.6	41.3	6.8	41.5	6.6	56.6	6.4	58.1	} €
979		6.0	54.2	6.0	39.2	5.4	39.2	5.4	73.0	6.8	73.0	¦ €
	1		ļ					1				! .
980	71.3	7.1	71.4	7.1	46.0	5.4	46.1	5.5	89.0	8.3	89.0	8
981		7.9	94.7	8.6	45.0	6.1	57.1	7.5	107.4	8.8	112.4	9
982	. 38.2	3.6	61.6	5.7	21.5	2.6	42.8	5.2	56.7	4.7	75.7	6
		<b>.</b>	•	•••	CI	hanges eff	ective in y	ear .				
000		1			,	r	10.4	0.0	900	6.3	24.8	6
968 969		6.5	21.9 25.1	6.4 7.0		5.7 5.4	19.1 18.6	6.0 5.7	23.0 29.1			,
		i	1 .		i	<u> </u>			40.4	100	,	
970				9.4	24.8	7.1	26.2	7.5	46.1	10.5	49.7	11
971				10.3		8.0	33.2	8.7	49.6	100	56.8	
972			, 34.5	7.5		5 6	24.9	6.1	36.5	7.4	436	
973	•	_			32.3	7.3	33 1	7.4	35.7	1	38.8	
974	. 50 1	; 9.4	51.3	: 9.6	49.8	10.3	50.7	10.5	50.4	8.6	51.8	. 8
0.75		0.7			45.5	!	464	8.7	57.5	8.9	60.1	. 9
975		8.7	53 9 53 3	90	45 5	•	_	8.7	57.5 54.5		57.0	
976			53.2 57.0	83	47.4		54 1	8.6	59.4	1		. 7
977				81	53.0	8.4 8.6	59.0	8.7	64 0	•	66 0	έ
978	61 5 75.7	8 2 9 1	63 C 77 6	8 4 9 3	58 2 71.8				78.6	_	80.7	9
9/9	15.1	91	110	93	71.0	. 7.0	i 73.7	. 0.0	1 .0.0	<b>U</b> .0	50.1	•
980	90 2	99	92 0	10 1	84 7	10.2	860	104	. 944	9 7	96 6	9
981	96 8	97	99.4	100	88.0	98		10.2	103 5		104 8	9
982	77 0	68	82 4	72	50.6	5.2	54 8		95 6		101 5	8



Table 108. Percent changes in wages and benefits in collective bargaining settlements covering 5,000 workers or more, 1965-82

	Private nonfari	m industries	Manufact	turing	Nonmanuta	cturing
Year	Mean adjustment	Median adjustment	Mean adjustment	Median adjustment	Mean adjustment	Median adjustment
FIRST-YEAR CHANGES IN CONTRACTS NEGOTIATED DURING YEAR						
1966	6.1	5.8	56	5.6	6.9	6.
967		7.3	8.4 !	9.0	65	4
968		8.1	8.7	8.1	8.6	8
969		10.9	9.6	8.8	12.3	11.
970	13.1	12.0	9.9	8.8	15.9	14
971	13.1	13.9	11.7	13.5	14.1	16
972	8.5	7.9	8.5	8.2	8.5	7
973		6.6	7.0	5.9	7.1	7
974		10.5	8.8	7.0	11.6	10
975	11,4	11.4	10.4	11,3	11.6	11
976		8.7	8.7	8.0	8.3	9
977		9.8	9.9	9.8	9.4	11
978		7.4	8.5	8.2	8.3	7
979	•	8.8	9.2	8.1	8.7	10
980	104	10.8	9.1	9.3	11.3	11
981	•	10.8	7.3	10.8	11.4	11
982	3.2	1.3	2.5	.2	4.3	3
NNUAL RATE OF CHANGE OVER LIFE OF CONTRACTS NEGOTI- ATED DURING YEAR						
965 1	(2)	3.3	! (2);	(²)	(2)	(
966	4.1	4.0		3.8	4.2	4
967	5.1	5.2	5.1	5.2	5.2	4
968		6.0	<sup>i</sup> 5.9 i	5.9	7.1	6
969	8.2	7.4	6,6	6.6	9.7	9
970	9.1	8.4	6.2	5.5	11.5	11
971	. 8.8 <sup>†</sup>	9.0	7.7 1	8.8	9.5	9
972		6.9	i 6.3 i	6.2	; 7.9 <sup>1</sup>	7
973		5.5	6.0	5.5	62	6
974	7.8	6.5	6.7	6.2	8.3	7
975	81	7.8	9.2	113	7.8	7
976		7.1	61	5.0	7.2	7
977		5.8		5.1	6.5	5
978		6.5		6.5	6.3	6
979	66	6.2	6.5	5.8	6.8	6
980	71.	5.6	5.9	5.0	78,	5
	'				9.0	8
981	; ня	m /	ne:	117 17	39.17	
1981		8.7 2.1	6.8	10.0 - 0.5	3.9	3

<sup>&</sup>lt;sup>1</sup> Coverage limited to settlements for 10,000 workers or more in 1965.



<sup>&</sup>lt;sup>2</sup> Not available.

## Table 109. Employment Cost Index, 1975-83

[Not seasonally adjusted]

	inde	es (June	1981 =	100)	. <del> </del>	<del>_</del>	P(	ercent ch	nanges fo	or 		
Industry or occupation category, and year	n coo	(69 (00))6			3	months	ended		1	2 months	ended-	
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec
		Co	mpensati	on (wag	es, salari	es, and e	mployer	costs fo	r employ	ee benefi	its)	
CIVILIAN WORKERS 1												] :
1981		100.0	102.6	104.5	_	-	2.6	1.9	_		_	; .
1982	1 1	107.5	110.1	111.4	1.7	1.1	2.4	1.2	6.5	7.5 6.5	7.3	; 6
1983	. 113.2	114.5	_	_	1.6	1.1			0.5	0.5	_	!
White-collar workers.									ļ			
1981		1 <b>00</b> .0	102.7	104.9	-		2.7	2.1	_			: · 6
1982		107.7	110.7	111.9	1.5	1.1	2.8	11	6.8	7.7	7.8	; (
1983	. 113.7	114.9	-	_	1.6	1.1			6.8	6.7	_	1
Biue-collar workers;												
1981		100.0	102.3	104.1	-		2.3	1.8	-	-		!
1982	. 105.7	107.1	109.2	110.5	1.5	1.3	2.0	1.2	-	7.1	6.7	
1983	. 112.3	113.6	_	_	1.6	1.2	_	_	6.2	6.1	_	i
Service workers:									İ			
1981		100.0	102.8	104.2	_	_	2.8	1.4	! –	i —	_	ļ
1982	1	108.3	110.8	112.4	2.9	1.0	2.3	1.4	<u> </u>	8.3	7.8	1
1983	114.3	115.1	_	<b>–</b>	1.7	.7	_	_	6.8	6.3	_	i I
Aanufacturing:					1			ļ				1
1981		100.0	102.1	104.0	i –	l –	2.1	1.9	_	-	!	1
1982		107.2	109.3	110.4	1.9	1.1	20	1.0	-	7.2	7.1	(
1983	1	113.5	!	! -	1.9	.9	_	-	6.1	5.9	-	1
deemenufecturing		1	] 	ļ		i	1	<u> </u>	İ		į	: }
Nonmanufacturing: 1981		100.0	102.8	104.8	-		2.8	1.9	<b>-</b>	i –	! -	1
1982		107.7	110.5	111.8	1.5	1.2	2.6	1.2	_	7.7	7.5	! (
1983		114.9	-	-	1.5	1.2	-	-	6.7	6.7	-	į
Service industries:				į	ļ	!	İ	İ	1	1	ł i	
1981	] _	100.0	104.4	107.1	_	· –	4.4	2.6	! _	_	_	:
1982		109.2	113.5	115.0	1.0	.9	3.9	1.3	-	9.2	8.7	
1983		117.1	l —	_	1.4	4	_	-	7.8	7.2	<u> </u>	
	l i	1				ļ ;			ļ	i	İ	
Public administration: 2	1	100.0	104.3	106.0	_	l _	4.3	1.6	! -	!	! -	:
1981			112.8	113.6	2.0	.9	3.4	.7		9 1	81	
1983		117.0	1 -	- 13.0	23	.7	_	i –	7.5	72	<u> </u>	
			į	!	I	i	:	ļ	i			;
vate Industry workers 3	!	1	Ì		!	l '	:	1	!		! _	•
1979		00.7		86.3	2.7	23	2.3	2.1	' -	!		
1980			92.8	104.0	36	1.9	2.0	i	: 107	10.3	10 0	: ,
1982		107.2	109.3	110.7	1.7	1.3	2.0	1.3			7.2	
1983		113.9	-	-	1.7	1.2	-	¦ –	6.4	6.3	-	i
	i	Ì	i		1			1	1	;	:	!
White-collar workers.  1979		·	i !	86.3	· _	!		i _	· _	i		
1980		90.8	92.6	94.5		2.3	2.0	2.1	, -	_	!	1 .
1981			101.8	104.0	l	•	1.8	2.2		10 ?	i 100	1
1982	1	107.2	j 109.5	110.8	i	1.3		1.2	76		7 6	1
1983		114.2	¦ –	-	1.8	1.2	·	-	6.6	: 65	·	•
Blue-collar workers					:	!	•	:	:	1	•	1
1979		90.5	93.0	86.2		25	. 27	21	-	!	: -	. 1
1980				1				1.8	10.7	10 5	10.0	: '
	105.6				: ::-	1		1.2		70	6.7	
1982					1.6	: -			62	, 61	: _	4



Table 109. Employment Cost Index, 1975-83—Continued

	Inde	ves (June	9 1981 ==	100)	ļ		. Р	ercent c	hanges fo	or		
industry or occupation category, and year	11100	x08 (00111	7 1901	<del>-</del>		3 months	ended-	-	1	2 month	s ended-	_
	March	June	Sept.	Dec.	March	June	Sept.	Dec	March	June	Sept.	Dec
		Co	mpensat	lion (wag	es, salari	es, and e	mployer	costs fo	r employ	ee benef	its)	
rivate industry workers 3—Continued					T		•					İ
Service workers:		1	1	1	İ	1			1		[	1
1979	<b>1</b> _	l _		88.2		_ i		l _	! '	_	_	
1980	89.9	90.8	92.7	94.3	4.3	1.1	2.1	1.7	_	_	_	
1981	99.3				1	1			40.5	40.4		9
1002	99.3	100.0	101.9	103.1	5.4	.7	1.9	1.2	10.5	10.1	9.9	9
1982	106.7	107.9	109.6	111.8	3.5	1.1	1.6	2.0	7.5	79	7.6	8
1983	113.8	114.6	_	-	1.8	.7		_	6.7	6.2	<del>-</del>	
Manufacturing:												1
1979	–	-	-	86.3	l –	-			_	_	_	,
1980	88.7	90.5	92.6	94.7	2.8	2.0	2.3	2.2	-		_	9
1981	98.0	100.0	102.1	104.0	3.5	2.0	2.1	1.9	10.5	10.5	10.2	9
1982	106.0	107.2	109.3	119.4	1.9	1.1	2.0	1.0	8.2	7.2	7.1	6
1983	112.5	113.5	_	_	1.9	.9	_	_	6.1	5.9	_	`
Nonmanufacturing:		}										
1979	1	_		86.3	-	j 1			İ			1
1980		90.8	92.9	94.7	2.7			-	-	_	_	
					1 -	2.5	2.3	2.0				8
1981		100.0	102.0	103.9	3.7	1.8	2.0	1.9	10.9	10.2	9.8	9
1982 1983		107.1	109.3	110.8	1.7	1.3	2.1	1.4	7.6 6.5	7.1 6.6	7.2	8
	112.0	117.2	_	-	1.0	1.4	_	_	0.5	0.0		
Union workers: 4					1	!						
1979		-	_	85.2	Į —	1 — i	_			-	-	ĺ
1980		89.7	92.4	94.7	2.5	2.7	3.0	2.5	l !	-		11
1981		100.0	102.5	104.8	3.1	2.4	2.5	2.2	11.8	11.5	10.9	10
1982		108.4	110.6	112.3	1.6	1.8	2.0	1.5	9.1	8.4	7.9	7
1983	114.5	116.0	_		2.0	1.3	_	-	7.5	7.0	_	-
Union workers, manufacturing: 4				Ī								
1981	_	100.0	102.3	104.6	i	i	2.3	2.2				
1982		1		1	1	4.0			1 <b>–</b> ;			
1983	106.3	108.0 114.8	110.3	111.8	1.6 i 2.0	1.6	2.1	1.4	7.2	8.0 6.3	7.8	6
			ļ			.,				0.5		
Union workers, nonmanufacturing: * 1981		100.0	102.7	105.0			0.7	0.0		ļ		
1982					-	1	2.7	22	_		~ -	-
1983		108.7 117.1	111.0	112.8	1.7	1.8	2.1	1.6	7.6	8.7 7.7	8.1	7
		, , , , ,		_	'					,.,		
Nonunion workers; 4										ļ		
1979				86.9		_	!		-	-	-	_
1980		91.1	92.8	94.6	2.8	2.1	1.)	1.9	;	-	-	8
1981	98.4	100.0	101.7	103.5	4.0	1.7	1.7	1.8	10.2	9.8	9.6	9
1982		106.5	108.5	109.7	1.7	1.1	1.9	1.1	7.0	6.5	6.7	6
1983	111.5	112.8	_	_	1.6	1.2	- [	_	5.9	5.9	-	•
Nonunion workers, manufacturing: 1							 					
1981		100.0	101.8	103.5		_	1.8	1.7	_ !	_ !	_ i	
1982		106.6	108.4	109.2	2.1	.9	1.7	.7	_ :	6.6	6.5	5
1983		112.3	_	-	1.8	1.0		<del></del> ,	5.2	5.3	_	Ĭ.
Nonunion workers, nonmanufacturing: 4					ĺ	i	i					
1981 1981	_  _i	100.0	101.7	103.5	_	_	1.7	1.8	_ !	_!	_	_
1982	105.2	106.4	108.6	109.9	1.6	1.1	2.1	1.2	i	64	6.8	6
1983	111.6	113.0	- 1	-	1.5	1.3			6.1	6.2		
Metropolitan areas: 4						!	!	 		!	į	
	! !				i i	i	ł	ļ	;	1	}	
1979		_		86.4	_	!	_ ;	<b>-</b> }	<b>—</b> !	- ;	<b>-</b> :	-
1980		90.6	92.8	94.7	2.5	2.4	24	2.0	'	!	<del></del> 1	9.
1981		100.0	102.1	104.1	3.6	19	2.1 !	2.0	10.9	103	10.0	9.
1982	105.7	107.2	109.4	110.9	1.5	1.4	2.1	1.4	77	7.2	7.1 j	8.
1983 . , ,		114.2			1.8	1.2	;		6.8	6.5	1	_



Table 109. Employment Cost Index, 1975-83—Continued

	Indo	yes (Jur	e 1981 =	: 1001	ļ		P	ercent c	hanges fo	Or 		
Industry or occupation category, and year	IIICe	XWS (JUIN		- 100)		3 months	ended		1	2 month	s ended-	_
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	De
		Co	mpensat	ion (wag	es, salari	es, and e	mployer	costs fo	r employ	ee benei	iits)	
rivate industry workers 3—Continued												
Other areas: 4		İ		1					i			
1979	_	l _	l _	85.8	_	_	!	_		l _	_	
1980		90.3	91.9	94.2	3.6	1.7	1.6	2.5	_		_	1
1981		100.0	101.8	103.2	4.1	2.0	1.8	1.4	10.4	10.7	10.7	'
1982		107.0	108.8	109.1	2.9	.6	1.5	.5	6.3	7.0	6.7	-
1983		112.3	100.0	109.1	1.6	1.4	1.5	.5	4.3	5.0	0.7	
1900	110.6	112.3	_	_	1.0	'		_	7.3	3.0		İ
State and local government workers												
1981		100.0	105.3	107.4	-	-	5.3	20	-	-	_	
1982	108.8	109.3	114.3	115.1	1.3	.5	4.6	.7	-	9.3	6.5	
1983	116.5	117.1	_	-	1.2	.5	_	-	7.1	7.1	-	
White-collar workers:												
1981	—	100.0	105.7	107.8	_	_	5.7	2.0	_	l –	-	ł
1982		109.5	114.9	115.8	1.2	.4	4.9	.8	-	9.5	8.7	
1983		117.5	-	_	1.0	.4	-	_	7.2	7.3	-	
llue-collar workers:												
1981		100.0	104.2	105.9	_	_	4.2	1.6	_	_	_	l
1982		108.9	112.7	113.0	2.2	.6	3.5	.3	_	8.9	8.2	
1983		115.6		-	1.7	.8	-	<u> </u>	6.2	6.3	=	
Paradas ta direktas	1 .									l		
Service industries:	1	400.0	4050	407.0				0.0				ļ
1981		100.0	105.6	107.9			5.8	2.0	_		6.6	1
1982		109.4	114.9	115.9	1.0	.4	5.0	.9		9.4	0.0	1
1983	116.8	117.4	-	_	.6	.5	_	_	7.2	7.3	-	
Schools:												
1961		100.0	106.0	107.9	<b>—</b>	-	6.0	1.6	_	-	_	1
1982	108.9	109.1	114.8	115.6	.9	.2	5.2	.9	-	9.1	6.3	1
1983	116.6	116.9	-	<b> </b>	.7	.3	-	_	7.1	7.1	-	
Elementary and secondary schools:				ļ			1		1			
1981		100.0	106.3	108.3	_		6.3	1.9	_		<b>—</b>	1
1982	ı	109.5	115.6	116.6	.9	.2	5.6	.9	_	9.5	8.7	1
1983		117.4	_	-	.5	.2	_	_	7.2	7.2	_	
Hospitals and other services: 8												
1981	_	100.0	105.0	107.8			5.0	2.7	_	<b>-</b>	_	
1982	1	110.3	115.3	116.0	1.6	.7	4.5	.6	_	10.3	9.8	1
1983		118.8	-	_	1.3	1.1	_	_	7.3	7.7	_	
Public administration: *									•			
1981	_	100.0	104.3	106.0		_	4.3	1.8	_	_	l –	
1982		109.1	112.8	113.6	2.0	.9	3.4	.7	_	9.1	8.1	[
1983	1	117.0	_	_	2.3	.7	_	_	7.5	7.2	-	
	-	L	1	L	L	ges and	enterios (	vnlv	<del></del>	L	<u> </u>	
	-	<del></del> -	<del></del>		***	a.m.			1	Γ	-	Ι-
CIVILIAN WORKERS 1		100.0	102.5	104.4			2.5	1.9		_	_	
1981	1	100.0	102.5	110.9	1.8	0.9	2.2	1.1	_	7.3	7.0	
1982 1983		113.4	109.7	110.5	1.2	1.1			5.6	5.7		
White-collar workers: 1981		100.0	102.6	104.7	_		2.8	2.0	_	_	_	
1982	1	107.6	110.4	111.4	1.9	.8	2.8	.9	I _	7.8	7.8	
1983		114.2			1.4	1.1			5.9	6.1	=	
Blue-collar workers:												
1981		100.0	102.4	104.0	-	_	2.4	1.6	-	_	_	
1982		106.7	108.6	109.8	1.4	1.1	1.8	1.1	-	6.7	6.1	
1983	110.8	112.0	l	_	.9	1.1			5.0	5.0		1



Table 109. Employment Cost Index, 1975-83—Continued

	Indo	oe (luce	1981 ==	100)	l 		. P	ercent cl	hanges fo	or		
industry or occupation category, and year	11100	.00 (20110		100)	3	months	ended-		1	2 months	s ended-	
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	De
					Wag	ges and s	alaries (	only				
CIVILIAN WORKERS 1—Continued				··	 	<del>,</del>	•		• ·			-
Service workers:	ł	Į			į į	:						
1981	_	100.0	102.5	103.6		!	2.5	1.1	! 			
1982		107.9	110.1	111.8	3.1	1.0	2.0	1.5	: :	7.9	7.4	
1983		113.9	_	_	1.3	.6			6.0		_	
fanufacturing:						, I			<u> </u>			
1981		100.0	102.1	104.0		- !	2.1	1.9		:	-	
1982		107.0	106.6	109.8	1.8	1.0	1.7	.9	-	7.0	6.6	
1983	111.0	112.0	-	_	1,1	.9	-		4.8	4.7	-	
lonmanufacturing:						ļ	į		1			
1981	1	100.0	102.7	104.5	! <b>-</b> !	-	2.7	1.8		_	_	
1982		107.5	110,1	111,3	1.9	.9	2.4	1.1	· _ :	7.5	7.2	
1983	112.7	114.0	_	_	1.3	1.2	- (	-	5.8	6.0	_	
Service industries:							į		1	; ;		
1981		100.0	104.4	106.6		_ !	4.4	2.1		_	_	
1982	108.6	109.5	113.2	114.4	1.9	.8	3.4	1.1	i - :	9.5	6.4	
1983	115.8	116.3	_	_	1.2	.4	_	_	6.6	6.2		
Public administration: 2	1					·			<u> </u>	,		
1961		100.0	103.6	105.5		- :	3.8	1.6		_	_	
1982 1983	t .	108.4 115.4	111.9	112.6	1.9	.8 .7	3.2	.6	6.6	8.4 6.5	7.8	
	114.0	110.4	_		1.0	.,	_		0.0	0.5	_	
rivate industry workers 3						' i			!			
1975			64.0	65.2				1.8	!	_		
1976		67.5	68.6	69.9	1.9	1.7	1.5	1.9	: -	-	7.2	
1977	70.9	72.2	73.5	748	1.5	1.9	1.8	1.7	6.8	6.9	7 2 8.0	
1976	76.2	77.8	79.3	60.5	1.9	2.1	2.0 2.1	1.5	7.5 7.8	7.8 7.6	7.7	
1979		63.7	65.5	87.5	2.0	1.9	2.1	2.4	9.1	).8 ).3	9.4	
1980		91.5	93.5	95.4	2.4	2.1	2.2	2.0 1.8	9.1	9.3	9.4	
1961		100.0	102.0	103.8	2.7	2.0	1.8		9.3 8.1	7.1	6.9	
1982 1983	105.9 111.6	107.1 112.9	109.0	110.3	2.0 1.2	1.1 1.2		1.2	5.4	5.4		
Vhite-collar workers:												
1975	_	_	65.2	66.2		_ !	_	1.6	_			
1976	1 -	68.3	69.3	70.6	1.7	1.4	1.5	1.3	: :	_	6.3	
1977		72.6	73.9	75.2	1.3	1.6	1.7	1.8	6.2	6.4	6.6	
1978		78.2	79.7	60.6	1.8	2.1	1.9	1.2	71	7.6	7.8	
1979		63.6	85.5	87.6	1.9	1.7	2.3	2.4	7.3	7.0	7.4	
1980		91.4	93.3	95.2	2.4	1.9	2.1	2.0	9.2	9.3	9.1	
1981		100.0	101.6	103.9	3.1	1.9	1.8	2.1	9.3	9.4	9.2	
1962	106.2	107.3	109.4	110.6	2.2	1.0	2.0	1.1	8.3	7.3	7.5	
1983	112.2	113.6	-	-	1.4	1.2	-	_	5.6	5.9	-	
Professional and technical workers:							į					
1975		_	64.5	65.6	<u>-</u>	<b>-</b> }		1.7	-	_	_	
1976	66.5	67.3	68.4	69.7	1.4	1.1	1.7	1.8			6.1	
1977	1	71.6	73.1	74.3	1.5	1.5	1.8	1.7	6.3	6.7	6.8	
1978		76.5	78.1	79.3	1.6	1.3	2.1	1.5	6.8	6.6	6.9	
1979		61.7	84.0	66.3	1.9	1.1	2.7	2.6	7.1	6.8	7.5	
1980		90.8	93.2	95.3	3.3	1.8	2.7	2.2	10.3	11.1	11.1	1
1981		100.0	103.3	105.5	3.1	1.8	3.3	2.1	10.2	10.1	10.8	1
1962 1983	1	109.4 115.9	1116	112.9	2.4 1.7	1.3 <sup>1</sup> 1.0 <sup>1</sup>	2.2	1.0	10.0 6.3	9 4 5.9	8.2	
		. 10.0		_		•	į		j	J.5	-	
Managers and administrators:		_	67.6	68.4	_	_ !	_ !	1.3	;	_	_	
1976		70.6	71.5	72.2	13	2.1	10	1.0	ı — :		5.8	
1977	1	75.2	76.1	76.7	2.1	2.0	1.3		63	6.2	6.5	
	76.5	79.9	61.0	82.2	2.4	1.6			6.5			



Table 109. Employment Cost Index, 1975-83—Continued

	lada	xes (Jun	a 1001	- 100)			Р	ercent c	hanges fo	Or	*	·
Industry or occupation category, and year	Inoe	nuc) eux	R 1901 =	= 100)	:	3 months	ended-		1	2 month	s ended-	-
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec
					Wa	ges and	salaries (	only				
rivate industry workers —Continued											<u> </u>	T
Managers and administrators:											1	
1979	. 84.2	85.4	87.1	88.3	2.4	1.5	2.0	1.4	7.2	6.9	7.6	7.
1980		92.0	93.5	94.7	2.8	1.8	1.8	1.3	7.7	7.8	7.3	7.
1981		100.0	101.8	102.8	4.1	1.4	1.8	1.2	8.8	8.7	8.7	8.
1982		107.2	108.5	109.3	2.9	1.3	1.2	.7	7.3	7.2	6.8	8.
1983		114.0	_	_	2.5	1.8			5.9	6.3	-	-
Sales workers:												
1977	70.0	71.2	72.4	75.3		1.7	1.7	4.0			l	١.
1978		79.6	81.8	81.7	.3	5.4	2.5	.1	7.9	11.8	12.7	8.
1979		84.9	85.5	88.9	2	4.2	.7	3.9	7.9	6.7	4.8	8.
1980		90.7	92.2	94.8	5	2.5	1.7	2.8	8.8	8.8	7.8	8.
1981	96.2	100.0	98.0	101.9	1.5	3.9	~2.0	4.0	8.7	10.2	8.2	7.
1982		101.8	104.5	106.2	.3	4	2.7	1.8	8.2	1.8	8.8	4.
1983		107.1	-	-	5	1.3		-	3.4	5.2	-	-
Clerical workers:												
1975	_	_	64.4	85.5			_	1.8	l'l		_	l _
1978		67.8	69.2	70.1	2.2	1.3	2.0	1.4			7.4	7.
1977		72.2	73.7	75.0	1.8	1.2	2.0	1.7	6.8	6.5	8.5	6.
1978		77.8	79.2	80.2	2.4	1.4		1.3	7.5	7.7	7.4	7.
1979		83.5	85.9	87.7	2.7	1.4	1.8 2.9	2.1	7.4			
1980		1		1	3.0		2.9		l l	7.4	8.5	9.
1981		1 91.9 1 100.0	93.8	95.7	1	1.8		2.1	9.8	10.1	9.2	9.
			102.7	104.2	3.0	1.4	2.7	1.5	9.2	8.8	9.5	8.
1982 1983	107.0	108.3 114.6	110.3	111.8	2.7 1.8	1.2 1.1	1.8	1.2	8.5 6.0	8.3 5.8	7.4	7. -
Blue-collar workers:												!
1975	<u> </u>		82.5	63.7			_	2.0				
1976	65.1	66.3	87.5	68.8	2.2	1.9	1.8	1.9		_		8.
1977	70.0	71.5	72.8		1.7	2.2	1.8	1.8	7.4	7.0	8.1	7.
1978		77.1	78.8	74.1		2.2	2.0		1 1	7.8	7.8	
1979				80.1	1.8			1.9	7.8	7.9	8.0	8.
1960		83.5	85.2	87.4	1.9	2.3	2.0	2.5	8.3	8.4	8.4	9.0
		91.6	93.8	95.7	2.3	2.5	2.4	2.1	9.4	9.8	10.0	9.
1981		100.0	102.3	103.9	2.0	2.4	2.3	1.6	9.3	9.2	9.1	8.0
19821983	105.4	106.6	108.5	10 <del>9</del> .7	1.4	1.1	1.8	1.1	7.9	8.8	8.1	5.0
1903	110.7	111.9	_	_	.9	1.1	-	_	5.0	5.0	_	-
Craft and kindred workers:			00.4	045				4.0				
1978		97.4	63.4	64.5				1.8	_	-	70	_
		87.1	68.4	69.4	1.9	2.0	2.0	1.3			7.9	7.
1977	1	72.1	73.8	75.0	2.1	1.9	2.2	1.7	7.7	7.6	7.8	8.
1978		77.8	79.8	80.8	1.3	2.3	2.2	1.8	7.4	7.9	7.8	7.
1979	82.5	84.2	86.1	87.8	2.1	2.1	2.2	1.9	8.5	8.2	8.3	8.
1980		91.4	94.0	96.1	1.7	2.4	2.8	2.2	8.2	8.5	9.1	9.
1981		100.0	102.9	104.3	1.8	2.2	2.9	1.4	9.8	9.4	9.5	8.
1982 1983		107.8 113.4	109.8	111.2	1.8 .9	1.3	1.9	1.5	8.6 5.8	7.8 5.4	8.5	8.6
_					.•	"				• •		
Operatives, except transport:						[	-					
1975		-	81.4	82.8	_	-1	_	2.2	_	-		_
1978	1 1	85.1	66.4	68.3	2.8	.8	2.0	2.8			8.0	8.7
1977	1	70.8	71.7	73.2	1.8	1.7	1.8	2.2	7.4	8.4	7.9	7.3
1978		78.1	77.8	79.3	2.5	1.4	2.0	2.3	8.2	7.8	8.3	8.4
1979		82.6	84.1	88.8	1.9	2.2	1.7	3.1	7.8	8.6	8.3	9.2
1980		91.5	93.8	95.5	3.2	2.4	2.3	2.0	10.5	10.7	11.3	10.2
1981		100.0	102.1	104.1	2.4	2.3	2.1	2.0	9.4	9.3	9.1	9.0
1982		106.6	108.3	109.3	1.2	1.1	1.8	.9	7.8	6.8	6.1	5.0
	110.0	}		1				- 1		(	1	

See footnotes at end of table.



1 1 1 1

Table 109. Employment Cost Index, 1975-83—Continued

	Inde	kes (June	e 1981 =	100)	·		P	ercent ci	nanges fo	)I		
Industry or gccupatign category, and year	1170					3 months	ended-		1;	2 month	s ended-	-
	March	June	Sept.	Dec.	March	june	Sept.	Dec.	March	June	Sept.	De
					Wa	ges and s	salaries d	only				
rivate industry workers *—Continued												
Transport equipment operatives:					}							ļ
			ene	63. <b>6</b>	!	_		1.7		_	1 _	ł
1975	1		62.5		1.2	4.5	.6	.8			8.3	
1976		67.2	67.7	68.2	1	1 1			-	6.1	7.2	1
1977		71.3	72.5	73.2	.4	4.2	1.6	1.0	6.4		8.3	ļ
1978	1	77.5	78.6	79.9	1.3	4.5	1.4	1.7	8.4	8.6		١.
1979	i	83.9	88.0	88.1	1.5	3.5	2.4	2.4	9.3	8.3	9.5	'
1980	89.1	92.2	93.5	95.3	1.2	3.5	1.4	1.9	9.8	9.9	8.8	1
1981	. 96.8	100.0	101.0	102.7	1.5	3.3	1.0	1.7	8.8	8.4	8.0	l
1982	. 103.2	104.1	106.0	106.9	.5	.9	1.8	.8	6.8	4.1	5.0	
1983	108.0	110.3	-	_	1.0	2.1	-	_	4.7	6.0	_	
Nonfarm laborers:												
1975	—	l –	82.0	83.5	! -	-	_	2.4		_	-	1
1976		66.1	66.9	68.4	2.1	1.9	1.2	2.3	-	_	7.8	
1977		71.8	72.8	73.8	1.7	2.9	1.3	1.5	7.4	8.4	8.5	
1978		77.0	78.3	80.1	2.4	2.1	1.7	2.4	8.3	7.4	7.8	
1979	4 -	83.5	84.9	87.4	1.5	2.7	1.7	2.9	7.9	8.6	8.5	1
		91.8	93.9	95.7	2.5	2.4	2.3	2.0	10.1	9.9	10.5	
1980	1 ====	(	1	103.3	1.9	2.5	1.5	1.8	8.8	9.0	8.1	1
1981	1	100.0	101.5	1	1.8	1.0	1.3	1.8	6.8	5.1	4.9	
1982	4	105.1 109.8	100.5	107.8	1.1	.7		-	4.7	4.5	-	
Sa-waa wakara												
Service workers:		İ	00.5	05.0		1		3.3	:	_	l _	
1975	1	-	83.5	65.8	1 4	3.3		2.1	-		9.1	1
1976	1	89.1	89.3	70.8	1.9		.4	L	7.3	8.2	7.5	1
1977		73.3	74.6	75.3	1.3	2.2	1.7	1.0		8.4	9.1	ŀ
1978		79.5	81.3	81.9	3.6	1.9	2.3	.6	8.7			ı
1979	84.5	85.2	86.2	87.7	3.2	.9	1.1	1.8	8.3	7.2	5.9	ì
1980	90.8	91.9	93.4	94.8	3.5	1.1	1.7	1.5	7.6	7.8	8.4	l
1981	99.2	100.0	101.8	102.7	4.7	.8	1.8	9.	9.3	8.9	9.0	
1982	106.7	107.9	109.3	111.4	3.9	1.1	1.3	1.9	7.8	7.9	7.4	1
1983	112.9	113.5	-	-	1.3	.5	_	_	5.8	5.2	_	
Manufacturing:					1							
1975	—		82.9	64.2	_	<b>—</b>	_	2.1	-	-	-	1
1976	65.4	66.4	67.6	89.0	1.9	1.5	1.8	2.2	-	_	7.4	
1977	ı	71.5	73.1	74.4	1.9	1.8	2.2	1.8	7.4	7.8	8.2	
1978	. 75.9	77.1	78.5	80.6	2.0	1.8	1.8	2.7	8.0	7.8	7.4	1
1979	82.0	83.4	84.9	87.5	1.7	1.8	1.8	3.1	8.0	8.2	8.1	
1980		91.8	93.6	95.7	2.8	2.0	2.0	2.3	9.7	10.0	10.2	1
	· 1	1	1		2.2	2.2	2.1	1.9	8.8	9.0	9.1	
1981	1 .	100.0	102.1	104.0	1	1	1.7	9	8.2	7.0	6.6	
1982 1983	1	107.0 112.0	108.8	109.8	1.8	1.0	-	-	4.8	4.7		
Manufacturing durable goods:												
Manufacturing, durable goods: 1976	_	_	66.7	68.4	1 _	l _	l _	2.8	_	_	_	1
	i .	70.7	1	73.8	1.8	1.5	2.2	2.0	_	l _	8.4	}
1977	i	70.7	72.3	1	3	1.7	1.9	2.7	7.8	7.9	7.6	
1978	1	78.4	77.8	80.0	1.8	1	) _		8.4	8.2	8.4	Į.
1979		82.6	84.4	87.1	1.8	1.5	2.1	3.3		1	10.8	
1980		91.2	93.5	95.7	2.5	2.1	2.5	2.3	9.7	10.4	1	
1981	1	100.0	102.1	104.5	2.3	2.1	2.1	2.4	9.6	9.6	9.2	
1982		107.4	109.0	110.3	1.7	1.0	1.5	1.2	8.8	7.4	6.8	
1983	111.1	111.8	-	-	.7	.6	_	-	4.5	4.1	-	
Manufacturing, nondurable goods:								1				
1976			69.0	70.0	-	_		1.5	-	-	1 70	
1977		72.9	74.4	75.8	1.9	2.2	2.0	1.5	1 =		7.8	1
1978	,	78.4	79.7	81.7	2.3	1.5	1.6	2.5	8.3	7.6	7.1	1
1979	83.0	84.8	85.8	88.1	1.5	2.3	1.2	2.7	7.4	8.2	7.8	1
1980	91.0	92.7	93.8	95.7	3.2	1.9	1.2	2.1	9.7	9.2	9.2	1
1981	1	100.0	102.0	103.1	2.2	2.2	2.0	1.1	7.5	7.9	8.8	1
1982.	1	106.3	108.5	109.1	2.1	.9	2.1	.6	7.7	8.3	6.4	1
	110.9	112.3	1		1.8	1.3	I	1	5.3	5.6	1	1



Table 109. Employment Cost Index, 1975-83—Continued

	i Inde	xes (June	e 1981 =	100)			P	ercent C	hanges fo	or 	,	
Industry or occupation category, and year						months	ended-		1	2 month	-	ī
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	De
	<u> </u>				Wa	ges and	salaries (	only				_
ivate industry workers3Continued	ļ			_								
Nonmanufacturing:		ĺ							Ì			ĺ
1975		_	64.6	65.7	_	_		1.7	_	_	_	!
1976		68.2	69.1	70.4	1.9	1.8	1.4	1.8	l _	_	7.0	7
1977		72.6	73.7	74.9	1.2	1.9	1.5	1.7	6.4	6.5	6.6	ė
1978		78.2	79.8	80.5	1.9	2.4	2.1	.8	7.2	7.8	8.3	! }
1979		83.9	85.8	87.5	2.2	2.0	2.3	2.0	7.6	7.2	7.5	
1980		91.3	93.4	95.2	2.2	2.1	2.3	1.9	8.8	8.9	8.9	i i
1981		100.0	102.0	103.8	3.0	2.0	2.0	1.8	9.6	9.5	9.1	!
1982		107.1	109.1	110.5	2.0	1.1	1.9	1.3	8.0	7.1	7.0	] ;
1983		113.4			1.4	1.3	_		5.8	5.9	_	
Contract construction:												
1976	67.0	69.1	70.9	71.6	-	3.1	2.6	1.1	_	_		١ .
1977		73.9	75.3	76.3	.9	2.3	1.8	1.4	7.8	7.0	6.2	
1978		79.5	81.4	82.3	1.2	2.9	2.4	1.1	6.9	7.5	8.1	
1979	83.3	85.5	87.2	88.2	1.3	2.6	2.0	1.1	7.9	7.6	7.2	
1980		91.9	94.5	95.9	1.2	2.9	2.9	1.5	7.1	7.5	8.4	
1981	97.6	100.0	103.0	104.3	1.8	2.4	3.0	1.3	9.4	8.9	9.0	
1982	105.9	107.3	109.1	109.7	1.5	1.3	1.7	.6	8.5	7.3	5.9	
1983		112.1	_		.6	1.5	_	_	4.2	4.5	-	
Transportation and public utilities:		į										
1975	–	_	60.0	61.6	-		-	2.6	I –	-	-	ĺ
1976		64.5	65.4	66.9	1.9	2.8	1.3	2.3	-	_	8.9	
1977	68.1	70.1	71.6	73.1	1.9	2.9	2.0	2.1	8.6	8.7	9.5	
1978	74.1	75.6	77.2	78.6	1.4	2.1	2.0	1.9	8.7	7.9	7.9	
1979	80.7	82.0	84.3	<b>86</b> .0	2.6	1.6	2.9	2.0	8.9	8.4	9.2	
1980	88.2	90.2	93.1	95.6	2.5	2.3	3.2	2.7	9.3	10.1	10.4	1
1981	97.7	100.0	102.0	103.6	2.3	2.3	2.0	1.6	10.8	10.9	9.6	
1982	105.7	106.9	109.5	111.1	2.0	1.1	2.4	1.5	8.2	6.9	7.4	ł
1983	112.9	114.7	_	_	1.6	1.6	-	-	6.8	7.3	-	
Wholesale and retail trade:		<u> </u>	! 						[ ] !		ĺ	
1975			64.8	66.0	-	-	_	1.8	_	-		1
1976		68.9	69.5	70.8	2.2	2.2	.9	1.9		_	7.3	
1977	72.4	73.7	74.3	75.5	2.2	1.7	.9	1.5	7.3	6.9	7.0	
1978	77.8	79.9	80.8	81.7	3.1	2.7	1.2	1,1	7.4	8.5	8.7	
1979	83.5	85.5	87.1	88.2	2.1	2.4	1.9	1.3	7.3	7.0	7.7	i
1980	,	92.2	93.6	95.1	2.6	1.9	1.5	1.7	8.4	7.8	7.4	
1981		100.0	101.3	102.3	3.2	1.9	1.3	1.0	8.5	8.5	8.2	]
1982		105.8	106.5	107.2	1.6	1.8	.7	.7	5.8	58	5.1	
1983	108.5	110.8	_	_	1.2	2.1	_	_	4.4	4.7	_	
Wholesale trade:		70.0	70.0	75.4								<u> </u>
1977	1	73.3	73.2	75.1		10	2	2.6		-	0.0	į
1978	i	78.3	79.2	80.8	2.5	1.8	1.1	2.0		6.8	8.2	! !
1979		84 4	85.4	87.2	1.6	2.9	1.2	2.1	6.6	7.7	7.8	ı
1980		92.1	93.0	95.9	2.9	2.7	.9	3.2	9.4	9.2	8.9	1
1981	;	100.0	102.0	103.4	2.7	1.5	2.0	1.4	9.8	8.5	9.7	
1982		108.9	109.0	109.8	2.8	2.4	.1	.7	7.9	8.9	<b>6</b> .9	1
1983	111.8	114.1	_	_	1.8	2.1	_	_	5.2	4.8	_	: :
Retail trade:			70.5	   <b>-</b>	!   	! !		4.5		!	<u> </u> !	!
1976		70.0	70.5	71.5	_			1.5		_	-	,
1977	!	73.8	74.8	75 7	1.3		1.4	11			62	
1978		80.5	81.5	82.2	3.3	3.1			•	9.1		•
1979		85.9	87.8		2.3	2.3	2.1		7.6	6.7		
1980		92.2	93.8	94.8	2.4	, .	1.8		8.0	7.3	6.9	
1981		100.0	101.0	101.9	3 4	2.0	10	9	8.0	8.5		
1982	!	104.5	-	106.1		1.5	10	6	50		4.5	
1983	107.2	109.4	· —		1.0	2.1	_		' 4.1	47	_	



Table 109. Employment Cost Index, 1975-83--Continued

[Not seasonally adjusted]

	Inde	es (June	1981 =	100)	 		P(	ercent ch	nanges fo	)f 		
Industry or occupation category, and year	IROGA			100,	3	months	ended-		1	2 months	ended-	<del>-</del>
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	De
					Wag	ges and s	salaries c	nly				
vate Industry workers <sup>s</sup> Continued												T
Finance, insurance, and real estate:												1
· ·	1 _ i			76.6							_	1
1978	79.0	81.6	83.2	86.7	3.1	3.2	1.9	4.3		_	_	1
1979	1		1		1 1	2.7		2.1	10.2	9.8	9.7	
1980		89.4	91.2	93.1	.4	4.5	2.0 1.7	4.1	9.8	11.8	7.8	
1981	1 1	100.0	98.3	102.3	2.7		3.6	2.7	8.4	2.4	7.9	
1982 1983	103.7 110.6	102.4 111.1	106.1 —	109.0	1.4	1.3 .5	3.0 —		6.7	8.5	-	
Service industries:	1		67.4	60.6				1.8	_ :		_	
1975	-	-	67.4	68.6	-				_		8.6	}
1976	89.6	70.6	71.8	72.3	1.5	1.5	1.7	.6		F 4		
1977		74.2	75.5	78.1	.9	1.8	1.8	.7	4.8	5.1	5.2	
1978	•	78.7	60.6	81.2	1.7	1.7	2.4	.7	6.1	8.0	6.7	
1979		83.7	85.9	88.0	2.1	1.1	2.8	2.5	70	6.4	6.6	
1980	1	91.9	94.2	95.7	2.7	1.6	2.5	1.6	9.2	9.8	9.8	
1981	99.6	100.0	103.8	105.8	4.0	.4	3.6	2.1	10.1	8.8	10.0	ļ
1982	108.8	110.0	112.5	114.3	2.8	1.1	2.3	1.6	9.2	10.0	8.6	Į
1983	116.0	116.6	_	_	1.5	.5		_	6.6	6.0	_	
iortheast: 4												
1975	_	_	66.8	67.8	_		_	1.4	<b> </b> _	_	_	
1978	1	69.3	71.1	72.3	.9	1.4	2.5	1.7	_	_	6.3	1
		74.5	75.8	77.0	1.1	2.0	1.7	1.5	6.8	7.5	6.7	1
1977				82.4	1.8	1.6	1.8	1.8	7.2	8.8	6.8	
1978	1	79.6	81.0		1.5	1.7	1.7	2.1	6.8	6.9	6.9	1
1979		85.1	86.5	88.4	1	1 1	1		1	8.7	8.9	1
1980	1	92.5	94.2	96.0	2.5	2.1	1.9	1.9	8.3		i .	1
1981	1	100.0	101.7	104.4	2.4	1.7	1.7	2.7	6.5	8.1	7.9	ļ
1982		106.7	109.7	111.5	1.6	.6	2.8	1.6	7.9	6.7	7.9	
1983	112.0	113.6		_	.4	1.4	_	_	5.6	6.5	-	
South: 4	1 					 					}	
1975	.  —	_	63.8	64.5	-	-	_	15	_	_	_	1
1976	66.0	66.9	68.0	68.9	2.4	1.3	1.7	1.3	! <b>-</b>	_	7.0	1
1977	69.9	71.4	72.7	73.6	1.5	2.2	1.9	1.2	5.8	6.8	7.0	1
1978	75.8	77.4	79.2	80.4	3.0	2.2	2.3	1.6	8 5	8.4	8.8	1
1979	82.5	83.8	85.3	87.3	2.6	1.7	1.7	2.4	8.8	83	7.7	1
1980	1	91.4	93.2	94.9	2.8	1.9	1.9	1.9	8.6	9.0	9.3	1
1981	1	100.0	101.9	102.8	3.3	2.0	1.9	.9	9.3	9.4	9.4	1
1982	1	107.4	108.8	109.8	2.8	1.6	1.3	.9	7.9	7.4	6.6	1
1983	1	112.5	-		1.5	1.0			5.4	4.7	_	
	1											
North Central: 4	_		63.9	65.3	_	_	_	2.3	_	_	_	
		87.4			1.5	1.6	1.5	2.6	_	i _	7.1	
1976		67.4	68.4	702	7	1.5	1	2.4	6.6	6.5	7.0	
1977	1	71.8	73.2	74.9	L .	1	2.0	_	7.4	8.2	7.8	
1978	I	77.7	78.9	80.1	1.3	2.3	1.6	1.5	7.5	7.8	8.2	1
1979		83.7	85.4	87.6	1.9	2.5	2.0	2.6	1 .		9.2	
1980	1	91.6	93.3	95.3	2.4	2.0	1.9	2.2	9.9	9.3	9.0	
1981	•	100.0	101.6	103.3	3.0	1.9	1.6	1.7	9.4	9.2	5.9	
1982		106.1 111.5	107.6	108.6	1.4	1.3 1.3	1.4	.9	6.7 5.2	6.1 5.1	5.5	
1903	110.1	111.5		_	1.3	1.0	_		0.2	J		
Vest: 4		<u> </u> 	64.5	004	İ	1				! !	_	
1975			61.8	63.1	:		-	2.1	-	. –		
1976	1	66.7	67.1	68.1	3.3	2.3	5	1.6			8.6	1
1977	. 69.9	71.1	72.2	73.5	2.8	1.7	1.5	1.8	7.3	6.7	7.7	İ
1978	1	76.8	78.1	79.2	1.9	2.2	2.0	1.5	7.1	7.6	8.1	
1979	60.8	82.4	84.5	86.0	20	2.0	2.5	1.8	7.9	7.7	8.2	
1980	. 88.2	90.4	93.5	95.3	2.6	2.4	3.4	20	9.2	9.8	10.6	
1981	:	100 0	103 2	105.1	27	2.1	3.2	1.8	10.9	10.7	10.4	1
1982	!	108.6	1107	112.0	2.7	.6	1.9	1.2	102	8.6	7.3	
1983		1 _	1	1	1 9	7		F .	5 7	5.8	l	ı



## Table 109. Employment Cost Index, 1975-83—Continued

[Not seasonally adjusted]

		xes (Jur	9 1981 <b>≈</b>	: 100)	ļ		P	ercent c	hanges fo	<b>ж</b>	·	
industry or occupation category, and year	IIIU		• 1001 =	, , , , , , , , , , , , , , , , , , , ,	:	3 months	ended-	-	1	2 month	s ended-	-
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec
					Wa	ges and :	salaries (	only				
rivate industry workers3—Continued		T 	T		I						T	
Union workers: 4	İ	ļ •	1	i								ļ
1975	1		81.7	63.1		f i		0.4		ĺ		i
1976		65.0	1	1	1.0		-	2.4	_	_	-	.
1977	04.2	65.3	66.9	68.3	1.6	1.8	2.4	2.0			8.5	8
		70.7	72.0	73.4	1.4	2.2	1.9	2.0	7.8	8.2	7.7	7
1978		78.1	77.7	79.3	1.6	2.0	2.1	2.0	7.8	7.8	7.9	8
1979		82.4	84.2	88.4	1.8	2.1	2.2	2.6	8.2	8.3	8.4	8
1980		90.8	93.5	95.8	2.3	2.8	2.9	2.5	9.5	10.2	10.9	10
1981		100.0	102.7	105.0	1.7	2.8	2.7	2.2	10.2	10.1	9.9	1 8
1982	106.5	108.1	110.3	111.8	1.4	1.5	2.0	1.4	9.3	8.1	7.4	Ϊ €
1983	. 112.9	114.2	_	_	1.0	1.2	-	_	6.0	5.8	-	
Union workers, manufacturing: 4			l								-	
1976	!		85.5	67.3				2.7			l _	
1977		89.8	71.3	72.8	1.8	2.0	2.3	2.2			8.8	
1978		75.3	77.1	79.2	1.7	1.7	2.4	2.7	8.4	8.1	8.2	٤
1979		82.1	83.7	88.8	1.7	2.0	1.9	3.4	8.7	9.1	8.8	
1980		91.3	1	3	•							,
		1	93.8	96.1	2.6	2.8	2.8	2.4	10.3	11.1	12.0	11
1981		100.0	102.8	104.7	1.7	2.3	2.8	2.0	10.1	9.6	9.4	8
1982	105.9	107.3	109.5	110.8	1.1	1.3	2.1	1.2	8.4	7.3	8.7	5
1983	. 111.4	112.3	-	_	.5	.8	-	_	5.2	4.7	-	
Union workers, nonmanufacturing: 1											]	
1976	1	_	68.2	69.2	! _ !		_	1.4		_	_	1
1977	. 70.1	71.7	72.8	74.1	1.2	2.4	1.5	1.8	_		6.6	7
1978		78.9	78.3	79.4	1.5	2.3	1.9	1.4	7.2	7.2	7.6	1 7
1979	80.9	82.7	84.8	86.2	1.9	2.2	2.5	1.7	7.7	7.6	8.2	8
1980	88.0	90.4	93.1	95.5	2.0	2.8	3.0	2.6	8.8	9.5	9.9	10
1981	97.1		)		1 1							1
1982	407.0	100.0	102.8	105.2	1.7	3.0	2.8	2.3	10.4	10.6	10.4	10
1983		108.8	111.1	112.7	1.7	1.7	2.1	1.4	10.2	8.8	8.1	7
1900	. 114.3	118.0	_	_	1.4	1.5	_	_	6.8	<b>6</b> .8	_	
Nonunion workers: 4				i						, 1		
1975	.,	-	85.2	88.3	_ !	_	_	1.6	_	_	_	ŀ
1976	. 87.8	88.7	89.5	70.8	2.0	1.8	1.1	1.8	_	!	8.5	8
1977	. 71.8	73.0	74.3	75.4	1.5	1.7	1.7	1.6	8.2	6.2	8.9	8
1978	77.0	78.8	80.2	81.1	2.2	2.2	1.9	1.1	7.3	7.9	8.0	7
1979	82.8	84.4	88.0	88.0	2.1	1.9	1.9	2.3	7.5	7.2	7.3	8
1980	90.2	91.8	93.4	95.1	2.5	1.7	1.8	1.8	8.9	8.7	8.8	8
1981		100.0	101.6	103.2	3.3	1.8	1.8	1.6	8.9	9.0	8.8	8
1982		106.5	108.3		! 1		1.7		7.5	8.5	8.8	8
1983				109.5	2.3	.9	1.7	1.1			0.0	
1300	. 110.9	112.2	-	-	1.3	1.2	_		5.0	5.4	_	
Nonunion workers, manufacturing: 4												
1976		_	69.5	70.8				1.7	-	-	-	
1977		73.3	74.8	75.9	2.1	1.6	2.0	1.5	_	- !	7.8	7
19 <b>78</b>	. 77.8	78.8	7 <b>9</b> .9	81.9	2.2	1.8	1.3	2.6	7.8	7.5	8.8	7
1979	83.3	84.7	88.0	88.4	1.7	1.7	1.8	2.7	7.3	7.4	7.7	7
1980	. 91.0	92.3	93.4	95.4	3.0	1.4	1.2	2.1	9.3	9.0	8.8	7
1981		100.0	101.7	103.3	2.7	2.1	1.7	1.8	7.8	8.4	8.9	8
1982		106.7	108.2	109.1	2.5	.8	1.4	.8	8.2	8.7	8.4	5
1983		111.8	-	—	1.5	1.0	-	-	4.5	4.8	-	
Nonunion workers, nonmanufacturing: 1	;											
<b>-</b>	1			700		1				-		
1976			69.5	70.8			-	1.9	-	-		'
1977		72.9	74.0	75.2	1.2	1.7	1.8	1.8		-	8.8	8
1978		78.7	80.4	80.8	2.1	2.5	2.1	.5	7.2	8.0	8.6	7
1979	82.6	84.3	86.0	87.9	2.3	2.0	2.1	2.1	7.6	7.1	7.1	8
1980	.: <b>89</b> .9	91.5	93.4	95.0	2.3	1.9	2.0	1.7	8.8	8.6	8.6	8
		100.0	101.8	103.2	3.5	1.7	1.8	1.8	9.4	9.2	8.8	8
1981			1						₩.¬			
1982	105.5	106.4	108.3	109.8	2.2	.9 [	1.8	1.2	7.3	8.4	8.8	18.



#### Table 109. Employment Cost Index, 1975-83-Continued

[Not seasonally adjusted]

	Indo	xes (June	1001-	100)			P:	ercent ci	hanges fo	)r 		
Industry or occupation category, and year	IIICI	אוטנן פסא	) ( <del>30</del> 1=	100;	3	months	ended		1	2 month	s ended-	<del></del>
	March	June	Sept.	Dec.	March	June	Sept.	Dec.	March	June	Sept.	Dec
					Wa	ges and	salaries d	only				
rivate Industry workers3—Continued												
Metropolitan areas: 4		1		}								
1975	] —	_	64.1	85.3	_	_	_	1.9	<b> </b>		-	
1978	66.5	87.5	68.7	70.0	1.9	1.5	1.7	1.9	-	_	7.1	7.
1977	70.9	72.2	73.4	74.8	1.4	1.8	1.7	1.9	6.7	7.0	7.0	6
1978	1	77.7	79.2	80.4	1.7	2.1	2.0	1.8	7.2	7.8	7.8	7
1979		83.8	85.4	87.8	2.0	2.0	2.2	2.5	7.8	7.7	7.9	8
1980	4	91.4	93.5	95.4	2.1	2.2	2.3	2.0	9.1	9.3	9.5	9
1981	4	100.0	102.1	104.0	2.8	2.1	2.1	1.9	9.5	9.4	9.1	9.
1982	4	107.1	109.1	110.5	1.8	1.1	1.9	1.3	8.2	7.1	8.9	6.
1983		113.2	-	_	1.3	1.2	-	_	5.7	5.7	_	•
Other areas: 4				]								
1975		_	63.8	64.8	_			1.8		_	_	
1976	1	67.5	68.1	89.3	2.2	2.4	.9	1.8	'		7.1	7.
1977		71.9	73.2	74.0	1.8	2.1	1.8	1.1	8.8	8.5	7.4	6.
1978		78.2	79.8	80.8	3.4	2.3	1.7	1.3	8.8	8.8	8.7	9.
1979		84.0	85.4	87.0	2.1	2.1	1.8	1.9	7.6	7.4	7.3	7.
1111		91.5	92.9	95.1	3.8	i	1.5	2.4	9.5	8.9	8.9	9.
1980		1		1	1	1.8			9.1	9.2	9.5	8.
1981		100.0	101.8	103.1	3.3	1.7	1.8	1.3			1	5.
1982		106.8	108.3	108.8	2.8	.8	1.4	.5	7.8	8.8	8.4	5.
1983	110.1	111.4	_	_	1.2	1.2	_	_	3.9	4.3	_	-
State and local government workers									-			
1981	—	100.0	105.0	107.0	_	<b>–</b>	5.0	1.9	_	_	_	-
1982	108.2	108.7	113.5	114.0	1.1	0.5	4.4	.4	-	8.7	8.1	8.
1983	115.1	115.7	_	_	1.0	.5	_	_	8.4	6.4	_	-
White-collar workers:												
1981	—	100.0	105.4	107.5	<b>—</b>	_	5.4	2.0	i –		_	-
1982	108.5	108.9	114.2	114.8	.9	.4	4.9	.4	<b>–</b>	8.9	8.3	6.
1983	115.8	118.1	-	_	.9	.4	_	_	8.5	8.8	_`	-
Blue-coliar workers:								•				
1981		100.0	103.9	105.5			3.9	1.5	_	_	_	<b>-</b>
1982	4	107.9	111.5	112.0	1.9	.4	3.3	.4	_	7.9	7.3	6.
1983		114.3	_		1.2	.9	_	_	5.4	5.9	_	_
Service industries:												
1981		100.0	105.5	107.8	_	_	5.5	2.0	_	_		_
1982		108.8	114.2	114.8	.7	.4	5.0	.4		8.8	8.2	, D.
1983	115.5	115.9	_	_	.8	.3	_	_	6.5	8.5	_	-
Schools:												
1981		100.0	105.7	107.7	-	<b>–</b>	5.7	1.9	-			
1982		108.5	114.2	114.5	.6	.2	5.3	.3	8.4	8.5 8.4	8.0	8.
1983	115.2	115.4	_	_	.8	.2	_	_	0.4	0.4	-	-
Elementary and secondary schools:			400-	4								
1981		100.0	106.0	107.9		-	8.0	1.8	-	_		_
1982		108.8	114.9	115.1	.7	.1	5.8	.2		8.8	8.4	8.
1983	115.8	115.8		_	.4	.2	_	_	8.3	8.4	_	-
Hospitals and other services: 6		422	464-	44								
1981		100.0	104.8	107.3	-	_	4.6	2.8	<b>–</b>	-	-	
19821983	1	109.5	114.3	114.9	1.4	. <del>6</del> 1.0	4.4	.5	7.1	9.5 7.5	9.3	7.
		''''			"						Į	
Public administration: <sup>a</sup> 1981		100.0	103.8	105.5	_		3.8	1.8	_		_	_
1982	4	108.4	111.9	112.6	1.9	.8	3.2	.8	_	8.4	7.8	6.
		115.4	111.0	112.0	1.8	.o .7	5.2	.0	8.8	8.5	-	-
1983	114.0	110.4	_	, -	1.0	.,			1 0.0	9.5	1	

<sup>&</sup>lt;sup>1</sup> Includes private industry and State and local government workers, indicated farm, household, and Federal Government workers.

calculation of index numbers appears in an article, "Estimation Procedures for the Employment Cost Index," in the May 1982 of the Monthly Labor Review.



<sup>&</sup>lt;sup>2</sup> Consists of legislative, judicial, administrative, and regulatory activities.

<sup>&</sup>lt;sup>3</sup> Excludes farm and household workers.

<sup>&</sup>lt;sup>4</sup> The indexes for these series are not strictly comparable to those for the aggregate, occupation, and industry series. A fuller explanation of the

<sup>\*</sup> includes, for example, library, social and health services.

NOTE: Dash indicates that data are not available.

## **Technical Notes**

## **Prices and Living Conditions**

#### **Consumer Prices**

(Covers tables 110-114)

The Consumer Price Index (CPI) measures the average change in prices of goods and services purchased by consumers for day-to-day living. The weights used in calculating the index, which remain fixed for relatively long periods, are based on studies of actual expenditures by consumers. The quantities and qualities of the sample items in the "market basket" remain essentially the same between consecutive pricing periods, so that the index measures only the effect of price change on the cost of living. The index does not measure changes in the total amount families spend for living; geographic area indexes do not measure relative differences in prices or living costs between areas.

A study conducted during 1917-19 provided the weights for 1913 to 1935. Since then, the index has undergone five major revisions, which involved bringing the "market basket" of goods and services up to date, revising the weights, and improving the outlet sample and methodology. The fifth major revision of the CPI 1 was completed by January 1978 and included a revised CPI for Urban Wage Earners and Clerical Workers, (CPI-W) and a new index for all urban consumers (CPI-U), including salaried workers, the self-employed, the retired, and the unemployed. as well as wage earners and clerical workers. Both indexes use weights relating to expenditures in 1972-73. Starting with the index for January 1983, BLS changed the way homeowner costs are measured in the CPI-U. The change converted the homeownership component from an asset approach, which included both the investment and consumption aspects of homeownership, to a flow-of-services approach, that measures only the cost of shelter services consumed by homeowners.2 The new approach uses a rental equivalence

method which calculates homeowner costs of shelter based on the implicit rent owners would have to pay to rent the homes they own. The old method calculated homeowner costs as home purchase, mortage interest costs, property taxes, property insurance, and maintenance and repair. The CPI-W will be changed to rental equivalence with the data for January 1975. This change does not affect CPI-U data prior to January 1983.

Since January 1978, approximately 224 sets of items called item-strata have been priced for the CPI's. These fairly broad categories of goods and services are exhaustively defined in checklists. The original selection of the specific items to be priced in a specific retatore is generally done by a data collector using the checklist in systematic stages that take sales information provided by the respondent into account in each stage. After the initial selection, the same item (or a close substitute) is priced from period to period so that, as far as possible, differences in reported prices are measures of price change only. All taxes directly associated with the purchase or continued use of the items priced are included in the indexes.

The national indexes for the fifth revision of the CPI are based on prices collected in 85 primary sampling units which include central cities, suburbs, and urbanized places within 25 miles of a selected county or .elected group of contiguous counties. Prices are also collected outside of primary sampling units to represent out-of-town purchases. Foods, fuels, rents, and a few other items are priced monthly in all areas. Prices of most other commodities and services are obtained monthly in the five largest areas and bimonthly in the remaining areas. Between scheduled survey dates, prices are held at the level of their last pricing. Price data for the 85 areas are combined for the United States with weights based on the 1970 population of the areas represented by each sample area. Indexes are published for a wide variety of commodities and services, by region, by size of city, for cross-classifications of regions and class population size, and for 28 separate areas, usually consisting of the Standard Metropolitan Statistical Area (SMSA), exclusive of farms L.A.—Long Beach, Anaheim, Calif., is a combination of two smsa's, and N.Y.—Northeastern N.J. and Chi-

<sup>&</sup>lt;sup>2</sup>A more detailed description of this change is contained in "Changing the Homeownership Component of the Consumer Price Index." The CPI Detailed Report, January 1983, and Robert Gillingham and Water Lane, "Changing the Treatment of Shelter Costs for Homeowners in the CPI," Monthly Labor Review, June 1982



<sup>&</sup>lt;sup>1</sup>A detailed description of the old CPI is contained in the Consumer Price Index: History and Techniques. BLS Bulletin 1517 (1966). For further information about the revised CPI, see The Consumer Price Index: Concepts and Content Over the Years. BLS Report 517 (1977).

cago, Ill.—Northwestern Ind. are the more extensive Standard Consolidated Areas.<sup>3</sup>

Table 110. The purchasing power of the consumer dollar (1967=\$1) for any given date is calculated as the reciprocal of the index for that date, expressed in dollars. It shows changes in the value of the 1967 dollar resulting from changes in prices of consumer goods and services. Purchasing power of the dollar with reference to other bases can be calculated by dividing the index for the desired base date by the index for the current date and expressing the result in dollars.

Table 113. The relative importance figures shown in this table are percentage distributions of the cost or value weights used in the index calculation. At the time of their introduction, after a major weight revision, the cost weights represent average expenditures for specific classes of goods and services by consumers. However, in the subsequent pricing periods, the value weights and the corresponding relative importance figures change as prices change differentially; i.e., the relative importance increases for an item or group having a greater than average price increase and decreases for one having a less than average price increase. Since the index measures only price change, the cost weights eventually become unrepresentative of actual expenditures and must be revised on the basis of new surveys of consumer expenditures.

Table 114. Annual average indexes for items other than food have been based on quarterly data from 1947 to 1968 and monthly data since January 1969. Since 1964, quarterly and monthly indexes for nonfood items have been based on the latest available prices in all cities in the sample. For example, an index for December includes prices in all cities surveyed in December, as well as prices in those cities surveyed quarterly in October and November. From 1947 to 1963, quarterly indexes were based only on prices in the cities surveyed in March, June, September, and December. Since 1978, bimonthly and monthly indexes for nonfood items have been based on the latest available prices in all cities in the sample. For example, an index for December includes prices in all cities surveyed in December, as well as prices in those cities surveyed bimonthly in November.

Selected area and size group indexes show only different rates of price change among areas or size groups. They do not show whether prices are higher in one area or size group than in another.

<sup>1</sup> Methods of calculating indexes by population-size group (and areas included) are outlined in "New Consumer Price Indexes by Size of City," Monthly Labor Review, August 1972. For an explanation of regional indexes, see "Measuring Regional Price Changes in Urban Areas," Monthly Labor Review, Reprint 2920, October 1973.

#### **Producer Prices**

(Covers tables 115-118)

Producer Price Indexes measure average changes in prices received in primary markets of the United States by producers of commodities in all stages of processing. The sample used for calculating these indexes contains nearly 3,400 commodities and about 26,000 quotations selected to represent the movement of prices of all commodities produced in the manufacturing, agriculture, forestry, fishing, mining, gas and electricity, and public utilities sectors. The universe includes all commodities produced or imported for sale in commercial transactions in primary markets in the United States.

To the extent possible, prices used in calculating the indexes apply to the first significant commercial transaction in the United States, from the production or central marketing point. Price data are generally collected monthly, primarily by mail questionnaire. Respondents are asked to provide net prices or to provide all applicable discounts. The Bureau attempts to base indexes on actual transaction prices; however, list or book prices are used if transaction prices are not available. Most prices are obtained directly from producing companies on a voluntary and confidential basis, but some prices are taken from trade publications or from other government agencies. Prices generally are reported for the Tuesday of the week containing the 13th day of the month.

In calculating Producer Price Indexes, price changes for the various commodities are averaged together with weights representing their importance in the total net selling value of all commodities. The weighting structure is revised periodically when adequate resources and data from industrial censuses become available. Since January 1976, weights have been based on 1972 shipment values. From January 1967 through December 1975, 1963 shipment values were used as weights.

Producer Price Indexes can be organized by stage of processing, by commodity, or by durability of product. The stage-of-processing structure organizes products by degree of fabrication (i.e., finished goods, intermediate or semifinished goods, and crude materials). The commodity structure organizes products by similarity of end-use or material composition. Durability of product indexes were constructed to provide price indexes to be used in conjunction with important economic series, such as production or inventory data, which are classified according to durability. Each index measures price changes from a reference period which equals 100.0 (currently 1967 in most cases).



Producer Price Lidexes are used for many purposes, including escalation of long-term sales and purchases contracts, measurement of general economic price tends, and market analysis. Indexes are currently published in the Bureau's monthly report, *Producer Prices and Price Indexes*.

#### Industry sector price indexes

Industry sector price indexes were inaugurated with an article by Benner R. Moss in the August 1965 issue of the Monthly Labor Review. This article presented price indexes for about 50 "4-digit" Standard Industrial Classification (SIC) industries with annual averages for 1957 through 1963. Indexes for selected SIC industries and related census product classes are currently published in Producer Prices and Price Indexes.

Two types of industry price indexes are published: "4-digit" SIC industry output price indexes and "5digit" census product class indexes. The output index is an index of the primary and secondary products produced in the industry weighted by value of shipments originating within the industry. This index is relevant to economic studies which require comparisons of industry price movements with other industrybased statitics such as employment, earnings, value of shipments, and production. For example, an important use of this index is to deflate value of shipments data to derive a measure of industry output in constant dollars. The product class index is weighted by total value of shipments for the product regardless of industry of origin (wherever-made) and hence is a commodity rather than an industry classification. The "4digit" output index is built up from the "5-digit" product indexes weighted by value of shipments originating in the industry. (Shipment data by industry of origin are not available below the "5-digit" level.)

Since January 1976, weights for the indexes are the 1972 value of shipments obtained from the Census of Manufactures, the Census of Mineral Industries, and data of the U.S. Department of Agriculture. Values include those for interplant transfers, goods processed and consumed in the same establishment, and goods sold for export. Values of imported commodities are not included. The weighting structure is revised when the weighting structure of Producer Price Indexes is updated.

As a rough guide to the adequacy of our current sampling techniques, the immediate objective is to represent at least 50 percent of the total wherevermade value of the commodities included in each "5-digit" census product class. At the "4-digit" industry level, the publication criteria are as follows: For those product classes which meet the 50-percent standard, the primary production for that industry is added to the production for all published secondary products.

This aggregation is compared with the total value of primary and secondary shipments for the industry. Approximately 85 percent of the total should be represented in order to publish a particular industry index. The Bureau is currently phasing out the industry sector price indexes in favor of indexes calculated under the new methodology of the Producer Price Index Revision program. See BLS Handbook of Methods, Volume 1, Bulletin 2134-1, chapter 7.

#### **Export and Import Prices**

(Covers tables 119 and 120)

U.S. export and import price indexes cover transactions in nonmilitary goods between the United States and the rest of the world. The export price indexes provide measures of price change for U.S. products sold to other countries, and the import price indexes provide measures of price change for goods purchased from other countries by U.S. residents. Published indexes as of December 1983 cover 100 percent of the value of imports and 84 percent of the value of exports; complete coverage of U.S. exports is planned for late 1983.

Prices used in constructing the indexes are initially collected through personal visits by BLs field representatives, and thereafter, the prices are collected each calendar quarter by mail questionnaire. To the extent possible, products are priced at the U.S. border for exports and at both the foreign border and the U.S. border for imports. For nearly all products, the prices are for actual transactions completed during the first 2 weeks of the third month of each calendar quarter. Indexes are published for broad and detailed product categories as defined by the Standard International Trade Classification System (SITC), a United Nations product classification system.

Prices are collected according to the specification method. The specifications collected for each product include detailed descriptions of the physical and functional characteristics of the product. The terms of transaction include information on the number of units bought or sold, discounts, credit terms, packaging, class of buyer or seller, etc. When there are changes in either the specifications or terms of transaction of a product, the dollar value of each change is deleted from the total price change in order to obtain the "pure" change. Once this value is determined, a linking procedure is employed which allows for continued repricing of the item.

The export and import price indexes are weighted Laspeyres indexes. The values assigned to each



weight category are based on U.S. trade values compiled by the Bureau of the Census. The export and import products reported for the indexes are classified by the basic product classification systems for recording U.S. foreign trade: For exports—the "7-digit" Schedule B classification system of the U.S. Department of Commerce; for imports-the "7-digit" Tariff Schedule of the United States Annotated (TSUSA). In the case of the export price indexes, price relatives in each "7-digit" Schedule B category are weighted by the dollar value of exports in that category during the base period. For the import price indexes, price relatives are weighted by the dollar value of imports in each "7-digit" TSUSA category during the base period. Price relatives are assigned equal importance within each weight category and are then aggregated to the SITC index level. For both indexes, the base weight period is 1980.

#### **Consumer Expenditures**

(Covers tables 121-126)

The buying habits of American consumers change over time as a result of such factors as changes in relative prices, real income, family size and composition, and other determinants of people's tastes and preferences. The introduction into the market place of new products and the emergence of new stores also influences consumer buying habits.

Surveys of consumer expenditures and income have been undertaken by BLS to gauge the net effects of the many changes in buying habits. Such data are of great importance to researchers in government, labor, universities, and business. The survey data are also used to revise the Consumer Price Index market baskets and item samples.

The Bureau of Labor Statistics has historically conducted surveys of consumer expenditures at intervals of approximately 10 years. The last such survey for which data have been available was conducted in 1972-73. In a significant departure from previous surveys, BLS, in late 1979, initiated a survey to be conducted on a continuous basis, with rotating panels of respondents. The regular flow of data that results from this design provides more timely information on consumption patterns of different kinds of consumer units.

The new, ongoing Consumer Expenditure Survey (CES) is similar to its 1972-73 predecessor. It consists of two separate components, each with its own questionnaire and sample: (1) An interview panel survey m which each of the 5,000 consumer units in the sample is visited by an interviewer every 3 months

over a 12-month period, and (2) a diary, or recordkeeping, survey, completed by 5,000 other consumer units for two consecutive 1-week periods. The Bureau of the Census collects the data for both components of the survey.

Several other characteristics of the new survey should be noted. First, only the urban population is represented. Second, the size of the new sample is approximately half that of the previous survey and the expenditure estimates are, therefore, subject to greater sampling error. Third, students living in college- or university-regulated housing report their own expenditures directly instead of having them reported by their parents or legal guardians. Last, the new survey has a somewhat different definition of the "head" of a consumer unit. In previous surveys, husbands were automatically considered to be the heads of consumer units in which both a husband and a wife were present. The new survey adopts the term "householder," or "reference person," defined as the first member of the consumer unit mentioned by the respondent as an owner (or renter) of the premises at the time of the initial interview.

#### Description of tabular data

The data in tables 121 through 126 present the results from only the diary portion of the Consumer Expenditure Survey. The data cover the calendar 1980-81 time period. In interpreting these expenditure data, several factors should be kept in mind. First, they are weighted sample means. An individual consumer unit may have spent substantially more or substantially less than the average, and some may not have incurred any expense at all for a given product or service during the period. Income, age of family members, and geographic location are among the factors which influence expenditures and should be considered when relating averages to individual circumstances.

Second, consumers report expenditures in the diary survey only when they are in their home city. Expenditures incurred during travel away from home overnight, which may be significant for food and gasoline, are collected in the interview survey.

Third, expenditures reported here are the direct, or out-of-pocket, expenditures of consumer units. Indirect expenditures may be significant for some expenditure categories, for example, utilities. Rental contracts often include some or all utilities, and renters with such contracts would record little or no direct expense for utilities. Therefore, caution should be exercised in making comparisons of expenditures for utilities by consumers of various income classes and types of housing.

Finally, when comparing 1980-81 data with those from earlier years, users should keep in mind the difference in the treatment of the student population. Al-



though the inclusion of students as separate consumer units in the new survey has relatively little effect on estimates for the total population, estimates for some population groups, such as 1-person consumer units, are significantly affected.

As further processing of the survey continues, data from the interview portion of the survey will be made available. These data are required to obtain total consumption. In addition, the combining of several years of data may permit the publication of greater expenditure detail and additional classifications of families from both the diary and interview surveys.

#### **Family Budgets**

After a careful review within BLS, it was decided that the family budget program was not of sufficient priority relative to other BLS programs to justify the funds required for its continuation and improvement. Therefore, the family budget program was terminated with the publication of the 1981 budget estimates.



Table 110. Consumer Price Indexes, selected groups, and purchasing power of the consumer dollar, 1913-82

[1967 = 100]

Year	All items	Food	Rent, residen- tial	Apparel and upkeep	Purchasing power of consumer dollar 1967 = \$1.00	Year	All items	Food	Rent, residen- tial	Apparel and upkeep	Purchasing power of consumer dollar 1967 = \$1.00
1913	29.7	29.2	49.6	29.2	336.7	1953	60.1	83.0	60.3	84.6	124.8
1914		29.2 29.8	49.6	29.4	332.2	1954	80.5	82.8	83.2	84.5	124.2
								04.0	24.5	044	124.7
1915		29.4	49.9	30.1	328.9	1955	80.2	81.8 82.2	84.3 85.9	84.1 85.8	122.9
1918		33.1	50.5	33.0	305.8	1956	81.4		87.5	67.3	118.8
1917		42.6	50.1	39.6	260.4	1957	84.3	84.9 88.5	67.5 69.1	87.5	115.5
1918		49.0	51.0	53.8	221.7	1958	88.8	87.1	90.4	88.2	114.5
1919	51.8	54.8	55.2	71.1	193.1	1959	67.3	67.1	50.4	00.2	114.0
1920	60.0	81.5	64.9	84.6	166.7	1960	88.7	88.0	91.7	89.8	1 12.7
1921	53.6	48.7	74.5	85.2	186.6	1961	69.6	89.1	92.9	90.4	111.6
1922		43.7	76.7	53.0	199.2	1962	90.6	89.9	94.0	90.9	110.4
1923	51.1	45.1	78.6	53.1	195.7	1963	91.7	91.2	95.0	91.9	109.1
1924	51.2	44.7	81.5	52.6	195.3	1964	92.9	92.4	95.9	92.7	107.6
1925	52.5	48.4	81.8	51.8	190.5	1965	94.5	94.4	96.9	93.7	105.6
1926	53.0	50.0	81.0	50.8	188.7	1966	97.2	99.1	98.2	96.1	102.9
1927		48.2	79.7	49.7	192.3	1967	100.0	100.0	100.0	100.0	100.0
1928	51.3	47.7	77.8	49.0	194.9	1968	104.2	103.8	102.4	105.4	96.0
1929	51.3	48.3	76.0	48.5	194.9	1969	109.8	108.9	105.7	111.5	91.1
1930	50.0	45.9	73.%	47.5	200.0	1970	118.3	114.9	110.1	116.1	86.0
1931		37.8	70.0	43.2	219.3	1971	121.3	118.4	115.2	119.8	82.4
1932	40.9	31.5	62.8	38.2	244.5	1972	125.3	123.5	119.2	122.3	79.9
1933		30.8	54.1	36.9	257.7	1973	133.1	141.4	124.3	126.6	75.2
1934		34.1	50.7	40.4	249.4	1974	147.7	181.7	130.6	136.2	87.6
1935	41.1	38.5	50.8	40.8	243.3	1975	181.2	175.4	137.3	142.3	62.1
1936		38.9	51.9	41.1	241.0	1978	170.5	180.8	144.7	147.8	58.7
1937	,	38.4	54.2	43.2	232.6	1977	181.5	192.2	153.5	154.2	55.1
1938		35.6	56.0	43.0	237.0		<u> </u>				
1939		34.8	56.0	42.4	240.4	i.	Cor	sumer Pric	e Index for	Ali Urban Cor	isumers :
1940	42.0	35.2	56.2	42.9	238.1	1978	195.4	211.4	164.0	159.6	51.2
1941		38.4	57.2	44.8	226.8	1979	217.4	234.5	176.0	166.6	48.
1942		45.1	58.5	52.3	204.9	1980	248.8	254.6	191.6	178.4	40.6
1943	51.8	50.3	58.5	54.8	193,1	1981	272.4	274.8	208.2	186.9	36.7
1944	52.7	49.6	58.6	58.5	169.6	1982	289.1	285.7	224.0	191.8	34.0
1945	53.9	50.7	58.8	61.5	185.5			- Drice lad	ov for Lither	Wege Ferne	rs and Clerical
1946		58.1	59.2	87.5	170.9		Consume	it Luce iuo	Worke		II WIN CICION
1947		70.8	61.1	78.2	149.5	!]			AAOIKE	•	
1948		78.8	65.1	83.3	138.7		}		4.55	150-	
1949		73.5	68.0	80.1	140.1	1978	195.3	211.2	163.9	159.5	51.2
	1					1979	217.7	234.7	175.9	166.4	46.0
1950	72.1	74.5	70.4	79.0	138.7	1980	. 247.0	255.3	191.3	177.4	40.9
1951		82.8	73.2	86.1	128.5	1981	272.3	274.9	207.8	186.8	38.0
1952	79.5	84.3	78.2	85.3	125.8	1982	288.6	285.8	223.5	190.9	34.

<sup>&</sup>lt;sup>1</sup> Beginning in January 1978, BLS began publishing CPI's for two population groups: 1) A new CPI for All Urban Consumers (CPI-U) which covers approximately 60 percent of the total noninstitutional civilian population; and



<sup>2)</sup> a revised  $-\Omega$  for Urban Wage Earners and Clerical Workers (CPI-W) which represents about half the population covered by the CPI-U.

Table 111. The Consumer Price Indexes,<sup>1</sup> and major groups, 1935-82 [1967=100]

Year	All items	Food and bever-	Housing	Apparel and upkeep	Transpor-	Medical care	Entertain- ment	Other goods and
	<del> </del>							services
1935	41.1	_	_	40.8	42.8	38.1		i !
1938	41.5	_	_	41.1	43.0	38.3	!	
1937	43.0	_	_	43.2	43.7	38.8		!
1938	42.2	_	_	43.0	44.0	38.7		1 _
1939	41.8	-	_	42.4	43.0	36.7		!
1940	400			ļ				!
1941	42.0	-	_	42.8	42.7	38.8	<b>–</b>	! —
1942	44.1	_	_	44.8	44.2	37.0	-	<del>.</del>
1943	48.8	_	_	52.3	48.1	38.0	_	! -
1944	51.8	_	_	54.8	47.9	39.9	-	! -
		_	-	58.5	47.9	41.1		_
1945	53.9	_	_	81.5	47.8	42.1	_	<u>.</u>
1948	58.5	_ :	_	87.5	50.3	44.4		i
1947	66.9	_	_	78.2	55.5	48.1	_	· –
1948	72.1	-	_	83.3	81.8	51.1		
1949	71.4	-		80.1	66.4	52.7		
1950	72.1			70.0	40.6			İ
1951	72.1 77.8	_	-	79.0	68.2	53.7	-	_
1952	77.6		_	88.1	72.5	56.3	_	· —
1953	80.1		_	85.3 84.8	77.3	59.3		. —
1954	80.5			84.5	79.5 78.3	81.4	_	_
		_		64.5	/6.3	63.4	_	-
1955	80.2	-	-	84.1	77.4	64.8		
1958	81.4			85.8	78.8	67.2	_	
1957		-		87.3	83.3	89.9	_	_
1958	86.8	-	-	87.5	88.0	73.2	— i	_
1959	87.3	-		88.2	89.8	78.4		
1960	88.7	_	_	89.8	89.6	70.4		
1961	89.8			90.4	90.8	79.1 81.4	_	
1962	90.8	_ [		90.9	92.5	83.5		_
1963	91.7	_ [	_	91.9	93.0	85.6		_
1964	92.9		_ [	92.7	94.3	87.3		_
<b>!</b>		1		<b>52</b>	04.0	07.0		-
1965	94.5	- 1	-	93.7	95.9	89.5	-	
1966	97.2			96.1	97.2	93.4	¦	_
1967 1968	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1969	104.2	103.8	104.0	105.4	103.2	106.1	105.7	105.2
i	109.8	108.8	110.4	111.5	107.2	113.4	111.0	110.4
1970	118.3	114.7	118.2	118.1	112.7	120.8	116.7	118.8
19/1	121.3	118.3	123.4	119.8	118.6	128.4	122.9	122.4
1972	125.3	123.2	128.1	122.3	119.9	132.5	128.5	127.5
1973	133.1	139.5	133.7	128.8	123.8	137.7	130.0	132.5
1974	147.7	158.7	148.8	136.2	137.7	150.5	139.8	142.0
1975	1010	470.4	}	1				
1978	181.2 170.5	172.1	184.5	142.3	150.8	168.8	152.2	153.9
1977	181.5	177.4	174.8	147.8	185.5	184.7	159.8	182.7
	101.5	188.0	188.5	154.2	177.2	202.4	167.7	172.2
			Consumer P	rice Index fo	r all Urban C	Consumers		
1078			<del></del>	<del></del>				
1978	195.4	206.3	202.8	159.8	185.5	219.4	176.8	183.3
1979	217.4	228.5	227.8	166.8	212.0	239.7	188.5	196.7
1980	248.8	248.0	263.3	178.4	249.7	265.9	205.3	214.5
1981	272.4	267.3	293.5	188.9	280.0	294.5	221.4	235.7
982	289.1	278.2	314.7	191.8	291.5	328.7	<b>23</b> 5. <b>8</b>	259.9
		Consumer	Price Index	for Urban Wi	age Earners	and Clerical	Workers	
1978	T							
979	195.3	206.2	202.8	159.5	185.8	219.4	178.2	183.2
980	217.7	228.7	227.5	166.4	212.8	240.1	187 7	196.3
981	247.0	248.7	263.2	177.4	250.5	267.2	203.7	213.8
982	272.3 288.6	287.8 278.5	293.2	186.8	281.3	295.1	219.0	233.3
See footnote 1, table 110.	200.0	2/0.5	314.7	190.9	293.1	326.9	232 4	257.0

See footnote 1, table 110.



Table 112. The Consumer Price Indexes,¹ commodity, service, and special groups, 1935-82 [1967=:100]

Y'ear	All items	Commod- ities	Food and beverages	Commod- ities less food and beverages	Nondura- bles less food and beverages	Apparel commod- itles	Nondura- bles less food, beverages, and apparel	Durables	Commod- ities less food	Nondura- bles less food
1935	41.1	40.5		_	_	41.3	_	45.2	46.0	<b>43</b> .1
936	41.5	41.0	_	_	_	41.8		45.8	48.5	43.5
937	43.0	42.8	_	_	_	44.1	_	48.7	48.5	45.3
938	42.2	41.0	_	_	_	43.7	_	49.6	48.5	45.0
939	41.8	40.2	_	-	-	43.0	_	48.5	47.7	44.3
940	42.0	40.8	_	_	_	43.5		48.1	48.0	44.7
941	44.1	43.3	_	_		45.8		51.4	50.4	48.7
942	48.8	49.8	_	_	_	53.5	_	58.4	56.0	51.8
943	51.8	54.0		_		55.9	_	60.3	58.4	53.6
944	52.7	54.7	_	_	_	59.8	_	85.9	81.8	56.8
945	53.9	56.3	_	<b>–</b>	_	63.0	_	70.9	64.1	58.8
946	58.5	82.4	_	` -	<b>–</b>	<b>8</b> 9.5	_	74.1	68.1	82.9
947	66.9	75.0	_	<b>–</b>	_	80.4	-	80.3	78.8	72.2
948	72.1	80.4		_	_	85.4	<b>-</b> '	86.2	82.7	77.8
949	71.4	78.3	_	_		82.0	_	87.4	81.5	76.3
950	72.1	78.8	_		_	81.1		88.4	81.4	78.2
1951	77.8	85.9	_		_	88.7	_	95.1	87.5	82.0
952	79.5	87.0	_	_		87.7	_	96.4	88.3	82.4
953	80.1	88.7	_		_	86.7	<u> </u>	95.7	. 88.5	83.1
1954	80.5	85.9	_	_		86.3	_	93.3	87.5	83.9
1955	80.2	85.1				85.8	_	91.5	86.9	83.9
1956	81.4	85.9	_		_	87.3	-	91.5	87.8	85.3
1957	84.3	88.8	_	_	<b>–</b>	88.2	-	94.4	90.5	87.0
1958	86.8	90.8		_	_	88.2	-	95.9	91.5	88.
1959	87.3	90.7	_	-		89.0		97.3	92.7	89.
1960	88.7	91.5	_	-	_	90.3	-	96.7	93.1	90.
1961	89.8	92.0	i –	_	_	90.8	_	96.6	93.4	91.
1962	90.8	92.8	1 –	_	_	91.2	_	97.8	94.1	91.
1963	91.7	93.6	_	_	_	92.0	_	97.9	94.8	92.
1964	92.9	94.8	_	_		92.8	_	98.8	95.8	93.
1965	94.5	95.7	_	-	_	93.8	_	98.4	96.2	94. 97.
1966	97.2	98.2	-	_		96.0		98.5	97.5	
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100. 104.
1968	104.2	103.7	103.8	103.7	104.1	105.8	103.1 106.9	103.1 107.0	103.7	108.
1969	109.8	108.4	108.8	108.1	109.0	111.9	į.		1	i
1970	118.3		114.7	112.8	113.2	118.5	110.9	111.8	112.5	113.
1971	121.3	117.4	118.3	116.8	117.0	120.1	114.9	118.5	118.8 119.4	117. 119.
1972		120.9	123.2	119.5	119.9	122.7	117.9	118.9	123.5	124.
1973	133.1 147.7	129.9 145.5	139.5 158.7	123.8 138.9	125.0 142.0	127.1 138.1	123.8 146.2	121.9 130.8	136.8	140.
1974		1	ļ	ì	l .	l	1	145.5	149.1	151.
1975		1	172.1	149.8	152.8	141.2	181.1	154 3	156.8	158.
1976			177.4	157.3	159.8	145.8 151.8	189.5 180.2	163.2	165.1	166.
1977	181.5	174.7	188.0	166.0	168.4 or Price Index 1		<del></del>	100.2	1 100.1	
	· ·	<del></del>				T THE OTHER	_	<del></del>		
1978	195.4	187.1	206.3	175.7	178.3	155.7	190.2	173.9	174.7	174.
1979			228.5	196.4	201.8	181.1	226.0	191.1	195.1	198.
1980		233.9	248.0		240.0	171.1	279.4	210.4	222.0	235.
1981	1	253.8	287.3	243.2	263.0	177.7	311.2	227.1	241.2 250.9	257. 261.
1982	289.1	263.8	278.2	253.0	266.7	181.0	315.2	241.1	250.9	201.
	<b>.</b>		Cons	umer Price Inc	dex for Urban \	Wage Earners	and Clerical W	orkers		г
1978	195.3	187.0	206.2	175.8	178.4	155.7	190.2	173.8	174.8	174.
1979			228.7	1	202.7	161.2	227.1	190.4	195.2	199.
1980			248.7			170.5	281.4	208.6	222.1	237.
1981			287.8	243.9		177.8	313.3	225.8	241.6	260.
1982	288.6	1			,	I.		240.3	251.4	263.



Table 112. The Consumer Price indexes,<sup>1</sup> commodity, service, and special groups, 1935-79—Continued

[1967 - 100]

Year	Nondura- bles less food and apparel	Nondura- bles	Services	Rent, residential	Services less rent	Household services less rent	Transporta- tion services	Medical care services	Other services	Services less medical care
1935	45.4	39.0	40.9	50.6	37.6		36.3	31.8		_
1936	45.9	39.6	41.3	51.9	37.4	_	36.0	31.9	_	_
1937	47.0	41.1	42.6	54.2	37.8	_	35.7	32.3	_	
938	46.9	39.2	43.4	56.0	38.1	_	36.0	32.4		
939	46.3	38.4	43.5	56.0	38.1	_	36.1	32.5		
ĺ		1								
1940	46.8	38.9	43.6	56.2	36.1	_	36.1	32.5	_	_
1941	48.4	41.6	44.2	57.2	36.6	-	36.3	32.7	-	_
1942	51.1	47.6	45.6	58.5	40.3	_	38.2	33.7	_	·
943	53.2	51.8	46.4	58.5	42.1	_	38.2	35.4	_	_
1944	54.7	52.2	47.5	58.6	44.2	_	38.2	36.9	-	_
1945	55.8	53.7	48.2	58.8	45.1	_	38.2	37.9	_	
1946	58.2	59.6	49.1	59.2	46.7		39.0	40.1		
1947	66.2	71.9	51.1	61.1	49.0	_	40.3	43.5		_
1948	72.3	77.2	54.3	65.1	51.9	<u> </u>	44.9	46.4		_
1949	72.4	74.9	56.9	68.0	54.5	_	50.0	48.1	_	
1950	72.9	75.4	58.7	70.4						
1951	77.5	82.5	5a.7 61.8	70.4 73.2	56.0	_	53.3	49.2	-	_
1952	79.0	83.4			59.3		58.3	51.7	-	_
1953	81.0	83.2	<b>64</b> .5 67.3	76.2 80.3	62.2		62.4	55.0	-	_
1954	81.8	83.2	69.5		64.8	_	66.4	57.0	-	_
j	i	į		83.2	66.7	_	69.2	58.7	-	_
1955	82.1	82.5	70.9	84.3	68.2	_	69.4	60.4	- [	_
1958	84.1	83.7	72.7	85.9	70.1		70.5	62.8		_
1957	67.4	86.3	75.6	67.5	73.3	_	73.8	65.5	-	77.6
1958	88.3	88.6	78.5	89.1	76.4	_	78.5	68.7		80.4
1959	89.6	88.2	80.8	90.4	79.0	-	81.2	72.0	-	82.5
1960	90.9	89.4	83.5	91.7	81.9		83.3	74.9	_	85.2
1961	91.3	90.2	85.2	92.9	83.9	_	85.3	77.7	_	86.7
1962	92.1	90.9	86.8	94.0	85.5		86.6	80.2	_ [	88.1
1963	93.1	92.0	88.5	95.0	87.3	_	87.5	82.6	_ :	89.6
1964	93.9	93.0	90.2	95.9	89.2	_ i	89.6	84.6	_	91.2
1965	95.5	94.6	92.2	96.9	91.5		000	87.3		00.0
1966	97.5	98.1	95.8	98.2	95.3	_	92.9 96.6	92.0	-	93.2 9 <del>6</del> .4
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.3	103.9	105.2	102.4	105.7	105.8	104.0	107.3	105.8	104.9
1969	107.0	108.9	112.5	105.7	113.8	115.0	111.3	116.0	111.1	112.0
1070	1		I	l				1	i	
1970	111.2	114.0	121.6	110.1	123.7	126.4	123.1	124.2	117.3	121.3
1971	115.2	117.7	128.4	115.2	130.8	132.1	133.0	133.3	123.4	127.7
1972 1973	118.2	121.7	133.3	119.2	135.9	138.7	136.0	138.2	126.8	132.6
1974	123.4 143.8	132.8	139.1	124.3	141.8	146.2	136.9	144.3	132.6	138.3
i		151.0	152.1	130.6	156.0	165.1	141.9	159.1	142.6	151,0
975	157.9	163.2	166.6	137.3	171.9	183.6	152.7	179.1	153.1	164.7
976	165.7	169.2	180.4	144.7	186.8	197.2	174.3	197.1	162.3	177.7
1977	175.3	178.9	194.3	153.5	201.6	212.4	188.4	216.7	172.5	190.6
}				Consumer	Price Index fo	r All Urban Co	nsumers			
978	185.0	192.0	210.9	184.0	219.4	2247	. 1074	305 4	404.7	^^^
979	218.2	215.9	234.2	178.0	244.9	234.7 267.2	197.4 212.8	235.4 258.3	184.7 199.6	206.9 230.1
980	267.1	245.0	270.3	191.8	285.1	319.1	242.6	287.4	218.7	266.6
981	296.6	266.3	305.7	208.2	324.3	368.8	271.6	318.2	239.2	302.2
982	301.1	273.6	333.3	224.0	354.2	402.4	294.4	356.0	259.9	328.6
-						l	·· l			
078	407.0		Т	mer Price Inde				————— <sub>Т</sub>		
976	185.0	192.1	210.8	163.9	219.3	234.6	197.7	235.3	185.0	206.8
979		216.6	234.4	175.9	245.3	268.3	213.3	258.5	200.2	230.3
980	269.0	246.3	270.9	191.3	286.0	321.8	242.1	288.9	219.2	267.1
981	298.7	267.7	306.2	207.6	325.2	372.6	270.5	318.6	238.3	302.7
982	302.4	274.6	334.0	223.5	355.3 ⅓	407.8	292.9	353.5	258 1	329.5



# Table 112. The Consumer Price Indexes,¹ commodity, service, and special groups, 1935–82 —Continued

[1967 = 100]

Year	All items less food	All items less shelter	All Items less mortgage interest costs	All items less medical care	Energy	All items less energy	All items less food and energy	Commod- itles less food and energy	Energy commod- ities	Services less energy
1935	44.9	39.8	_	_	_		_	<del></del>	_	_
1936	45.4	40.3		-	_	_	_	_	_	ļ
1937	47.0	41.6	_		_	-	_	_	_	
1938	47.5	40.4		_	_	_		_	_	į
1939	47.2	39.7	_	_	_		-	_	_	_
1940	47.3	39.9	_		_		_	_	_	-
1941	48.7	42.4	_	_	_	_	_	_	_	-
1942	52.1	47.7			_	_		_	_	-
1943	53.6	51.3	_	_	_ :	_	_	_	_	-
1944	55.7	52.2	_		_	_	_	_	_	<del>-</del>
1945	56.9	53.6	_	_				_	_	_
1946	59.4	59.0		_	_		_		! _	_
1947	64.9	68.5	_	_	_	_	_	_	_	_
1948	69.6	73.9	_	_	_	_	_	_	_	
1949	70.3	72.6		_		_	_	_	_	-
!									_	_
1950 1951	71.1 75.7	73.1 79.2	_	_	_	1 =	_	_	_	
1952	75.7 77.5	80.8	_		_	_	_	_		_
1953	77.5 79.0	81.0	_	_	_	_	_	_	_	_
1954	79.5	81.0	_	_	_	_	_	_	_	_
i						ĺ			ļ	
1955	79.7	80.6	_	- 1	_	_		_	_	
1956	81.1	81.7	_	-		-	-	90.6	90.1	74.7
*?57	83.8	84.4	_	85.2	90.1	83.9	83.3 85.2	91.8	88.8	77.5
1958	85.7	86.9	_	87.5 88.2	90.3 91.8	86.3 87.0	87.0	93.0	89.9	79.8
1959	87.3	87.6	_						t	
1960	88.8	88.9		89.4	94.2	88.3	88.3	93.4	91.4	82.4 84.2
1961	89.7	89.9	89.8	90.3	94.4	89.3	89.3	·93.6	91.3	85.9
1962	90.8	90.9	90.9	91.2	94.7	90.4	90.5	94.4	91.8 92.2	87.7
1963	92.0	92.1	92.0	92.3	95.0	91.6	91.6 93.0	95.1 96.1	91.5	89.5
1964	93.2	93.2	93.2	93.5	94.6	92.9	1		1	
1965	94.5	94.6	94.7	94.9	<del>96</del> .3	94.3	94.3	96.4	94.4	91.7
1966	96.7	97.4	97.4	97.7	97.8	97.3	96.6	97.7	96.7	95.4
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.4	104.1	104.0	104.1	101.5	104.4	104.6	103.9	101.9	105.5 113.3
1969	110.1	109.0	109.2	109.7	104.2	110.3	110.7	108.4	105.1	Į.
1970	116.7	114.4	115.1	116.1	107.0	117.0	117.6	113.2	106.9	122.7
1971	122.1	119.3	120.3	120.9	111.2	122.0	123.1	117.6	109.0	129.5
1972	125.8	122.9	124.4	124.9	114.3	126.1	126.9	120.4	110.4	134.3
1973	130.7	131.1	132.1		123.5	133.8	131.3	123.8	121.7	140.0
1974	143.7	146.1	146 1	147.7	159.7	146.9	142.2	133.2	168.5	152.6
1975	157.1	159.1	159.1	160.9	176.6	160.2	155.3	145.7	181.1	166.4
1976	167.5	188.3	188.4	169.7	189.3	169.2	165.5	153.2	189.5	179.7
1977	178.4	179.1	179.3	180.3	207.3	179.8	1 75.8	161.1	203.4	192.8
} :		+	<u> </u>	Consume	Pnce Index f	or All Urban C	onsumers			
1079	101.0	1010	102.0	1040	200.4	102.0	188.7	170.6	212.8	209.2
1978	191.2	191.3	192.2	194.0 216.1	220.4 275.9	193.8 213.1	207.0	185.1	287.0	232.4
1979	213.0 244.0	210.8 235.5	211.4 236.1	216.1 245.5	275.9 361.1	238.0	232.8	202.5	397.4	267.8
1981	270.6	258.5	257.7	270.9	410.0	261.7	257.1	218.1	449.3	302.6
1982	288.4	273.3	272.9	286.8	416.1	279.3	276.1	231.1	429.6	328.5
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1	L	umer Price Inde		<del></del>	and Clerical W		<u> </u>	1
_		7	F				<del> </del>			
1978	191.1	191.4	192.1	193.9	220.3	193.7	188.5	170.7	212.8	209.1
1979	213.1	211.3	211.8	216.2	277.7	213.0	206.7	184.6	288.0	232.6
1980	244.2	1	236.6	245.6	364.8	237.3	231.8	201 2	398.8	268.5
1981		259.3	258.2	270.8	413.4	260.7	256.0	217.1	450.0	
1982	288.2	273.5	272.9	286.4	417.6	278.1	274.9	230.4	430.1	329.2

<sup>&</sup>lt;sup>1</sup> See footnote 1, table 110.



Table 113. Relative importance of major components of the Consumer Price Index, U.S. city average, at dates of major weight revisions

[Percent of all items]

		į		Decemb	per 1977
Component	1935–39	December 1952	December 1963	Consumer Price Index for All Urban Consumers	Consumer Price Index for Urban Wage Earners and Clerical Workers
All items	100.0	¹ 100.0	100.0	100.0	100.0
Food and beverages  Housing Apparel and upkeep  Transportation  Medical care  Entertainment <sup>5</sup> Other goods and services <sup>6</sup>	* 33.7 * 11.0 8.1 4.1 2.8	32.2 1 33.5 9.4 11.3 4.8 4.0 4.8	25.2 34.9 4 10.6 14 0 5.7 3.9 5.7	18.8 43.9 5.8 18.0 5.0 4.1 4.4	20.5 40.7 5.8 20.2 4.5 3.9 4.4

<sup>1</sup> Includes home purchase, previously excluded from Index coverage.



<sup>&</sup>lt;sup>2</sup> Includes radios, transferred to "Reading and recreation" as of January 1950. "Reading and recreation" retitled "Entertainment" as of December 1977.

<sup>&</sup>lt;sup>3</sup> includes laundry and drycleaning, transferred to "Housing" as of December 1952.

<sup>&</sup>lt;sup>4</sup> Includes drycleaning and one-half the weight of laundry service included in "Housing" in December 1952.

<sup>&</sup>lt;sup>5</sup> Called "Reading and recreation" before December 1977.

<sup>6</sup> Includes "Personal care," usually shown separately before December 1977.

Table 114. Consumer Price Index for All Urban Consumers, selected areas, all items index, selected years, 1950-82

[1967 = 100 unless otherwise specified]

Area and region <sup>1</sup>	Other index base	1950	1955	1960	1961	1962	1963	1964	1965	1966	1968	1969	198
U.S. city average		72.1	80.2	88.7	89.6	90.6	91.7	92.9	94.5	97 2	104 2	109.8	272.
Chicago, IllNorthwestern Ind	ĺ	72.4	82.3	90.7	91.2	92.1	93.0	93.4	94.7	97.4	104.3	109.9	269
Detroit, Mich		73.0	82.2	88.2	88.7	88.9	89.8	90.5	92.6	96.7	104.3	110.6	277.
L.ALong Beach, Anaheim, Calif		70.1	78.8	88.5	89.8	90.8	92.0	93.7	95.7	97.5	103.9	108.8	271.
N.Y., N.YNortheastern N.J		71.2	78.2	87.3	88.1	89.4	91.3	92.8	94.3		104.3	110.8	260.
Philadelphia, PaN.J		71.3	80.8	88.4	89.4	90.1	91.8	93.2	94.7	97.3	104.8	110.4	266
Anchorage, Alaska	10/67	_	_	_	_	_	_		_	_			248.
Baltimore, Md	ļ	71.4	79.9	89.1	89.9	90.8	92.0	92.9	94.4	97.7	104.1	110.5	273.
Boston, Mass		69.5	78.6	86.5	87.7	89.8	91.4	92.7	94.5	97.7	104.1	110.0	266.
Cincinnati, Ohio-KyInd		74.0	82.3	90.0	90.4	91.3	92.2	93.7	94.4	97.2	104.8	109.8	272
Denver-Boulder, Colo			_						-		400.5	400.5	290
Vilwaukee, Wis		73.8	83.8	90.2	90.8	92.0	92.9	93.9	95.8	98.0	103.5	109.5	280
Northeast Pennsylvania		72.2	79.2	88.9	88.2	89.7	90.9	92.8	94.1	97.4	104.1	109.5	284
Portland, OregWash		71.0	78.8	87.1	88.1	88.5	90.2	92.2	94.8	97.5	103.5	108.8	278
St. Louis, MoIII		70.9	80.1	87.7	89.0	90.0	90.9	92.6	94.1	97.2	1040	109.2	2 <del>6</del> 7.
San Diego, Calif								-	95.2	97.1	104.1	109.5	
Seattle-Everett, Wash		70.3	79.0	87.9	89.3	90.8	92.1	93.4	94.5	97.1	104.1	109.2	279 287
Washington, D.CMdVa	1	73.8	81.0	87.7	89.0	89.8	91.3	92.8	94.1	97.3	104.7	111.2	207
Atlanta, Ga		72.7	81.7	89.3	89.7	90.5	91.4	92.8	94.0	97.0	104.0	110.2	272 257
Buffalo, N.Y							-	92.0	94.2	97.4	104.5	109.8	
Cleveland, Ohio		73.1	82.5	90.8	91.4	91.7	92.7	93.2	94.7	97.2	105.9	111.9	279
Dallas-Fort Worth, Tex		-	_	-		: —	-	92.8	93.8	97.1	104.5	111.3	284
lonolulu, Hawaii								92.9	94.8	97.3	103.8	108.5	252
louston, Tex		74.9	82.3	89.2	89.7	91.4	92.3	93.7	94.8	97.5	104.3	111.0	291
Kansas City, MoKans		70.4	78.8	88.9	88.0	89.4	90.3	92.5	95.5	98.0	104.0	109.8	268
Vinneapolis-St. Paul, MinnWis	.	72.0	81.4	89.0	89.9	91.0	92.3	93.2	94.5	96.8	104.6	109.9	278
Pittsburgh, Pa		72.2	80.3	90.5	91.3	92.1	93.1	94.3	95.8	98.3	104.7	110.4	272
San Francisco-Oakland, Calif	•	87.8	78.6	87.8	88.9	90.3	91.5	92.9	94.7	97.1	104.5	110.2	279
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	198
U.S. city average		118.3	121.3	125.3	133.1	147.7	181.2	170.5	181.5	195.4	217.4	246.8	289
Chicago, IIINorthwestern Ind	.]	118.3	120.8	124.3	132.0	148.1	157.8	185.1	175.8	190.7	214.6	245.5	287
Detroit, Mich		117.4	121.7	128.2	134.5	149.0	160.1	168.8	180.4	194.1	218.8	253.5	288
L.ALong Beach, Anaheim, Calif		114.3	118.5	122.3	129.2	142.5	157.8	168.0	179.8	192.8	213.7	247.3	287
N.Y., N.YNortheastern N.J		119.0	125.9	131.4	139.7	154.8	166.8	178.3	185.5	196.1	213.1	237.2	275
Philadelphia, PaN.J	•	117.8	123.5	127.0	135.5	151.8	164.2	172.4	183.5	194.3	213.8	241.4	1
Anchorage, Alaska	10/67	-	112.9	115.9	120.8	133.9		1	175.0	1	1	228.2 250.3	260 285
Baltimore, Md	,	117.0	123.4	126.3	134.9	152.4	185.2	173.9	185.9	199.8	218.2	240.0	277
Boston, Mass		118.7	122.7	127.1	134.7	148.7	182.1	174.5	183.4	193.1	212.9 223.8	254.0	293
Cincinnati, Ohio-KyInd		115.7	120.7	124.7	132.1	146.3	160.3	170.1	182.2	199.1	233.5	261.5	317
Denver-Boulder, Colo			119.8	123.4	131.9	146.5	181.3	170.3	184.7	202.1 192.3	218.8	251.5	296
Milwaukee, Wis		115.8	120.1	123.7	131.5	144.1	157.0	187.1	177.9	191.9	210.7	237.1	273
Northeast Pennsylvania		118.3	121.4	125.9	134.7	151.1	164.7	170.9		198.4	225.4	255.4	287
Portland, OregWash		113.2	118.1	119.5	127.3	142.8	156.5	187.0	180.2	191.5	215.8	244.9	286
St. Louis, MoIII		115.2	119.8	122.3	129.3	142.2	156.1	185.1 170.7	176.8 182.0	200.1	233.1	268.5	325
San Diego, Calif		115.3	119.8	124.4	132.5	147.2	160.8 155.8	184.5	177.8	194.8	216.3	252.1	297
Seattle-Everett, Wash		114.0	118.4	119.7	127.5 135.0	141.5	181.6	171.1	183.0	197.0	218.8	244.7	281
• ,	1	İ		ļ		140-	104 7	100.0	170.0	192.6	212.7	242.3	289
Atlanta, Ga		118.5	121.7	125.5	133.7	148.5	181.7	189.2	179.8	i	211.3	235.8	267
Buffalo, N.Y		118.1	121.8	126.6	134.8	149.5	1818	170.6	181.7	193.0	219.5	252.9	301
Cleveland, Ohio	1	119.3	122.8	128.5	134.1	147.8		1		194.0	218.6	255.6	301
Dallas-Fort Worth, Tex		117.8	121.3	124.9	132.0	145.3	158.2	187.7	180.2	184.1	204.8	228.5	287
donolulu, Hawaii		114.2	118.9	122.8	128.3	141.9	155.0	162.8	171.0 190.2	208.2	235.7	285.4	312
douston, Tex		116.8	120.9	125.2	132.3	147.8	164.9	177.3	1	191.8	235.7	248.1	282
Kansas City, MoKans	·]	115.8	120.5	124.0	130.3	144.2	157.9	166.5	178.3	199.7	2226	247.8	306
Minneapolis-St. Paul, MinnWis	1	117.5	121.7	125.5	133.0	148.3	160.9	170.9	183.0	195.5	2173	247.2	286
Pittsburgh, PaSan Francisco-Oakland, Calif	1	118.4	121.5	125.3 124.3	132.9	147.3	160.0 159.1	168.3	179.8 180.8	197.8		247.3	300

<sup>&</sup>lt;sup>1</sup> Area is generally the Standard Metropolitan Statistical Area (SMSA), exclusive of farma. L.A.-Long Beach, Anaheim, Calif., is a combination of two SMSA's, and N.Y., N.Y.-Northeastern N.J. and Chicago, Ill.-Northwestern Ind. are the more extensive Standard Consolidated Areas. Area definitions

are those established by the Office of Management and Budget in 1973, except for Denver-Boulder, Colo., which does not include Douglas County. Definitions do not include revisions made since 1973.



Table 115. Producer Price Indexes by stage of processing, selected years. 1947-82 [1967 = 100]

	Crude m	aterials fo	r further pro	cessing	[	Intermediate	materials, s	supplies, and c	omponent	3	Fir	ished goo	ods
Year	Total	Food- stuffs and feed- stuffs	Nonfood materials, except fuel	Fuel	Total	Materials and compo- nents for manufac- turing	Materials and compo- nents for construc- tion	Processed fuels and lubricants	Con- tainers	Sup- plies	Total	Con- sumer goods	Capita equip- ment
947	. 101.2	111.7	90.8	66.6	72.4	72.1	68.0	85.5	66.8	<b>7</b> 7.5	74.0	80.5	55.4
950	. 104.8	107.8	104.7	77.9	78.6	78.1	77.0	89.9	72.0	78.9	79.0	83.9	64.
955	97.1	95.1	103.8	78.8	88.1	88.4	88.9	93.3	82.6	84.8	85.5	88.5	76.
960	97.0	95.1	101.4	92.8	95.8	96.5	95.9	98.2	95.5	90.7	93.7	94.5	   91.:
961	. 96.5	93.8	102.5	92.6	95.0	95.3	94.6	99.4	94.7	91.8	93.7	94.3	91.0
962	. 97.5	95.7	102.0	92.1	94.9	94.7	94.2	99.0	95.9	93.8	94.0	94.8	92.
963	95.4	92.9	100.7	93.2	95.2	94.9	94.5	98.1	94.7	95.2	93.7	94.1	92.4
964	94.5	90.8	102.4	92.8	95.5	95.9	95.4	96.0	94.0	94.3	94.1	94.3	93.3
965	99.3	97.1	104.5	93.5	96.8	97.4	96.2	97.4	95.8	95.2	95.7	96.1	94.
966	. 105.7	105.9	106.7	96.3	99.2	99.3	98.8	99.2	98.4	99.4	98.8	99.4	96.8
967	. 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
968	. 101.8	101.3	102.1	102.3	102.3	102.2	105.0	97.6	102.4	101.0	102.8	102.7	103.
969	108.4	109.3	106.9	106.8	105.8	105.8	110.8	98.5	106.3	102.8	106.8	106.8	106.
970	112.3	112.0	109.8	122.8	109.9	110.0	112.6	105.0	111.4	108.0	110.3	109.9	112.0
971	115 1	114.2	110.7	139.0	114.1	112.8	119.7	115.2	118.8	111.0	113.7	112.9	118.6
972	127.8	127.5	121.9	148.7	118.7	117.0	128.2	118.9	121.9	115.8	117.2	118.8	119.
973	174.0	180.0	181.5	164.5	131.8	127.7	136.7	131.5	129.2	140.8	127.9	129.2	123.
974	196.1	189.4	205.4	219.4	162.9	182.2	181.8	199.1	152.2	154.5	147.5	149.3	141.0
975	196.9	191.8	188.3	271.5	180.0	178.7	178.4	233.0	171,4	168.1	163.4	163.8	162.
976	202.7	190.2	206.7	305.3	189.1	185.4	188.4	250.1	180.2	179.0	170.8	189.7	173.4
977	209.2	192.1	212.2	372.1	201.5	195.4	203.4	282.5	188.3	188.7	181.7	180.7	184.8
978	234.4	218.2	233.1	428.8	215.6	208.7	224.7	295.3	202.8	198.5	195.9	194.9	199.2
979	274.3	247.9	284.5	507.8	243.2	234.4	247.4	364.8	228.8	218.2	217.7	217.9	216.5
980	304.8	259.2	348.1	815.0	280.3	285.7	268.3	503.0	254.5	244.5	247.0	248.9	239.8
981		257.4	413.7	751.2	306.0	286.1	287.8	595.4	278.1	263.8	269.8	271.3	264.3
982	319.5	247.8	378.8	886.1	310.4	289.8	293.7	591.8	285.8	272.1	280.7	281.0	279.4

NOTE: For a description of the series by stage of processing, see BLS Handbook of Methods, Volume I, Bulletin 2134-1, ch. 7.



Table 116. Producer Price Indexes by commodity group, selected years,  $1926-82^{\,1}$ 

[1967 = 100 unless otherwise indicated]

Code number				01	01-1	01-≏	01-3	01-4	01-5	01-6	01-7	01-8
Year	All commod- ities <sup>1</sup>	Farm prod- ucts, proc- essed foods, and feeds	Industrial commod- ities <sup>1 2</sup>	Farm prod- ucts <sup>1</sup>	Fresh and dried fruits and vegeta- bles	Grains	Live- stock	Live poultry	Plant and animal fibers	Fluid milk	Eggs	Hay, hay- seeds, and oilseed
1926	51.8	_	<b>53.2</b>	81,3	68.4	71.1	48.8	196.8	91.4	<b>5</b> 5 1	120.4	62.
930	44.6	-	45.2	54.2	65.4	55.7	43.4	169.7	85.5	58 2	96.6	59.
935	41.3	_	41.4	48.1	39.5	58.8	43.4	136.5	52.1	48.0	90.6	49.
940	40.5	<b>—</b> i	44.0	41.4	40.7	48.3	34.3	111.8	47.3	44.6	68.1	43.
945	54.8	-	53.0	78.5	85.5	92.1	66.5	193.2	87.1	63.6	130.6	85
950	81.8	93.9	78.0	106.7	84.7	121.3	110.2	185.7	159.1	78.5	134.5	99
955	87.8	91.2	88.9	98.2	96.8	117.6	81.9	166.9	140.4	79.1	135.9	93
960	94.9	93.7	95.3	97.2	99.0	102.2	94.5	121.6	129.1	84.7	122.4	82
961	94.5	93.7	94.8	96.3	92.2	103.7	92.8	101.1	131.5	85.2	117.4	92
962	94.8	94.7	94.8	98.0	96.2	107.2	96.5	104.2	138.5	83.0	112.9	91
963	94.5	93.8	94.7	96.0	94.8	110.5	88.3	103.4	139.5	82.5	111.5	97
1964,	94.7	93.2	95.2	94.6	101.6	102.1	84.1	100.1	138.3	83.7	107.7	95
1965	96.8	97.1	96.4	98.7	100.2	97.2	99.4	105.5	128.4	84.9	110.9	97
966	99.8	103.5	98.5	105.9	100.9	105.5	108.8	111.6	114.1 j	96.5	128.0	106
967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
968	102.5	102.4	102.5	102.5	106.8	88.8	103.7	103.7	104.6	105.8	111.4	96
969	10 <del>6</del> .5	108.0	106.0	109.1	110.0	90.3	117.0	112.8	93.1	110.7	133.9	94
970	110.4	111.7	110.0	111.0	111.8	98.8	116.7	99.5	90.2	115.3	128.8	99
971	114.0	113.9	114.1	112.9	120.1	100.9	118.3	100.1	92.8	118.8	100.8	109
1972	119.1	122.4	117.9	125.0	127.8	102.9	142.5	104.0	117.5	122.2	103.7	118
l 973	134.7	159.1	125.9	178.3	168.1	183.8	190.4	179.5	197.8	145.0	185.7	220
1974	160.1	177.4	153.8	187.7	192.3	257. <del>9</del>	170.8	157, <b>4</b>	193.9	172.8	160.6	228
1975	174.9	184.2	171.5	186.7	183.7	223.9	187.9	189.8	153.1	180.2	159.8	200
976	183.0	183.1	182.4	191.0	178.4	205.9	173.3	166.9	223.9	201.2	179.1	210
977		188.8	195.1	192.5	192.2	185.0	173.0	175.4	202.3	202.8	162.0	234
978		206.8	209.4	212.5	216.5	182.5	220.1	199.8	193.4	219.7	158.6	215
979	235.8	229.8	236.5	241.4	229.0	214.8	260.3	194.3	209.9	250.1	176.5	244
980	2 <del>6</del> 8.8	244.7	274.8	249.4	238.8	239.0	252.7	202.1	271.1	271.2	171.0	247
981		251.5	304.1	254.9	267.3	248.4	248.0	201.2	242.0	287.4	187.1	274
1982	299.3	248.9	312.3	242.4	253.7	210.9	257.8	191.9	202.9	282.5	178.7	212



Table 116. Producer Price Indexes by commodity group, selected years, 1926-82 1—Continued [1967=100 unless otherwise indicated]

	01~9	02	02-1	02-2	02-3	02-4	02-5	02-6	02-71	02-72	02-73	02-74
Year	Other farm products	Proc- essed foods and feeds	Cereal and bakery products	Meats, poultry, and fish	Dairy products	Proc- essed fruits and vegeta- bles	Sugar and confec- tionery	Bever- ages and beverage materials	Animal fats and oils	Crude vegeta- ble oils	Refined vegeta- ble oils	Vegeta- ble oil end products
926	36.2		47.7	45.0	43.5	55.8	52.0					_
930	26.5		38.9	44.4	41.5	57.5	43.5	_	_	_	_	
935	25.5		44.9	42.6	34.7	48.8	43.9	_	_	_	_	. <u>-</u>
940	21.2		37.4	33.0	33.6	43.6	38.8	i _	_		_	
945	47.3	_	45.5	48.5	48.2	63.2	49.8	_	:			
950	92.2	83.4	71.6	97.7	68.9	86.6	75.3	78.4	127.5	141,4	124.5	99.
955	102.8	85.0	84.1	81.6	77.1	91.5	85.2	93.1	120.4	116.4	118.1	98.
960	92.7	89.5	88.1	93.1	86.1	92.8	90.1	92.8	103.8	91.9	94.0	88.
361	93.6	91.0	89.8	90.9	88.2	94.9	89.6	92.6	113.2	114.4	117.3	100.
962	92.2	91.9	91.9	94.4	87.7	91.4	90.4	93.0	106.0	94.2	100.9	÷5.
963			91.6	88.9	88.2		104.8	94.7	100.6	91.4	91.2	86.
964	99.0	92.5				96.9			i			
804	99.0	92.3	92.1	86.5	88.4	97.8	98.9	99.7	114.4	94.2	89.1	87.9
965	98.0	95.5	93.1	96.2	89.0	95.2	96.5	99.2	136.0	112.5	105.1	99.
966		101.2	98.5	105.0	97.2	97.8	97.8	99.3	135.8	119.5	117.8	102.
967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
968	103.5	102.2	100.9	103.1	104.8	106.5	102.8	102.6	83.5	94.2	102.6	98.
969	109.6	107.3	102.7	113.8	108.2	108.1	109.9	106.0	120.3	93.0	98.4	101.0
970	117.3	112.1	107.7	115.8	111.2	110.6	115.8	113.0	140.4	121.0	119.2	111.
971	115.6	114.5	111.6	116.0	115.6	114.4	119.4	116.0	130.9	128.8	133.0	121.
972	125.0	120 8	114.7	130.0	118.6	119.7	121.6	118.0	127.4	107.5	114.5	121.
973	147.4	148.1	134.4	167.5	131.1	129.6	132.3	121.7	230.4	174.6	154.4	143.
974		170.9	171.2	163.5	146.4	154.6	258.9	140.7	327.7	291.1	<b>26</b> 5.8	224.
975	169.7	182.6	178.0	191.0	155.8	189.8	254.3	162.4	341.8	208.1	213.2	211.
976	223.4	178.0	172.1	181.6	168.5	170.2	190.9	173.5	210.2	182.5	187.5	174.
977	325.9	186.1	173.4	182.0	173.4	187.4	177.4	201.0	267.0	197.5	198.9	198.
978	274.9	202.6	190.3	217.1	188.4	202.6	197.8	200.0	291.2	219.2	228.8	209.
979	289.0	222.5	210.3	242.0	211.2	221.9	214.7	210.7	320.8	243.7	231.6	223.
980	299.0	241.2	236.0	243.1	230.6	228.7	322.5	233.0	279.2	202.8	179.8	233.
981	273.8	248.7	255.5	246.2	245.6	261.2	275.9	248.0	299.1	185.4	201.5	238.
982	273.5	240.7 251.5	253.5 253.8	240.2 257.6	245.6	274.5	275.8 269.7	256.9	303.0	159.6	N.A.	234.
70€	2/4.5	201.5	253.8	257.6	248.9	2/4.5	259./	250.9	303.0	128.6	N.A.	234.



Table 116. Producer Price Indexes by commodity group, selected years, 1926-82 <sup>1</sup>—Continued [1967 = 100 unless otherwise indicated]

Code number	02-8	02-9	03	03-1	03-2	03-3	03-4	03-81	03-82	04	04-1
Year	Miscella- neous proc- essed foods	Prepared animal feeds	Textile prod- ucts and apparel	Synthetic fibers (Dec. 1975 = 100)	Processed yarns and threads (Dec. 1975=100)	Gray fabrics (Dec. 1975 = 100)	Finished fabrics (Dec. 1975 = 100)	Apparel	Textile house- furnishings	Hides, skins, leather, and related prod- ucts	Hides and skins
926	-	_	_	_	_	_	_	_	_	44.8	73
930	_	-	_	-	_	_	_	_	j –	44.9	67
1935		_	_	-	_	_	_	_	_	40.2	58
940	l –	_	_	_	_	-	_	_	_	45.2	67
1945	_		-	_	_	_	<u> </u>	_	<b>–</b>	52.9	85
1950	109.0	103.2	102.7	<b>–</b> 1	_	_	<b>–</b>	90.5	99.9	88.3	161
1 <b>95</b> 5	91.8	85.6	98.7	_	_	_	_	92.8	94.9	77.3	88
960	94.3	78.7	99.5	_	_	_	_	94.9	96.1	90.8	106
961	94.0	85.4	97.7	_	_	i –	_	94.8	96.8	91.7	114
962	90.4	90.3	98.8	_	_	<b>–</b>	_	95.0	98.3	92.7	112
963	92.6	95.0	98.5	_		_	l –	95.4	97.1	90.0	89
964	96.7	93.0	99.2	_	_	_	-	96.3	97.6	90.3	92
965	100.9	94.9	99.8	_	_		<u> </u>	97.1	97.3	94.3	118
966	101.2	103.3	100.1		_	i –	i –	98.3	98.5	103.4	149
94.7		100.0	100.0	_		_	_	100.0	100.0	100.0	100
968	102.6	96.7	103.7	_	_	_	_	103.8	104.2	103.2	106
969	107.9	96.8	106.0		_	-	_	107.4	100.8	108.9	124
970	113.1	103.7	107.1	_	_	_	_	110.8	103.5	110.3	104
971	113.3	104.4	109.0	_	_	_	-	113.8	104.9	114.1	115
972	114.8	118.0	113.8		_	_		114.8	109.2	131.3	213
973	123.3	198.7	123.8	_			_	119.0	113.3	143.1	253
974	158.6	184.1	139.1	_	_	_	-	129.5	143.1	145.1	195
975	178.4	172.1	137.9	_	_	_	_	133.4	151.9	148 5	174
976	174.7	194.4	148.2	102.4	99.5	106.1	101.1	139.9	159.3	167.8	256
977	190.0	204.8	154.0	107.3	100.9	104.7	103.7	147.3	171.3	179.3	286
978		197.4	159.8	109.6	102.4	118.8	103.8	152.4	178.8	200.0	360
979	216.5	219.4	168.7	119.0	109.2	127.1	107.4	160.4	190.4	252.4	538
980	227.2	228.8	183.5	134.7	122.5	138.1	115.7	172.4	206.9	248.9	370
981		230.2	199.7	156.3	138.0	148.8	125.2	186 0	226.7	260.9	N
982	248.6	211.3	204.6	182.1	138.3	145.3	124.8	194.4	238.5	282.8	N



Table 116. Producer Price Indexes by commodity group, selected years, 1926-82 1—Continued [1967=100 unless otherwise indicated]

	04-2	04-3	04-4	05 ³	05-1	05-2	05-3 4	05-4 *	05-61	05-7 6	06 7	06-17
Year	Leather	Footwear	Other leather and related products	Fuels and related products and power	Coal	Coke (foundry by- product)	Gas fuels	Electric power	Crude petro- leum	Petro- leum products, refined	Chemicals and allied products	Industrial chemi- cals
1926	50.4	35.8	_	71.5	45.2	27.5	_	_	_	_	_	7.
1930	51.0	36.4	_	56.2	40.4	23.0	_	_				68.0
1935	40.4	35.1	_	52.6	41.6	24.3	_	_	_	_	51.7	62.1
1940	46.6	33.4	-	51.4	41.9	30.3	_		_	<u> </u>	52.4	59.7
1945	51.5	45.1	i –	60.1	52.8	36.3	_	_	_	<b>–</b>	65.2	67.5
1950	98.9	70.2	85.4	87.1	83.3	63.0	-	—	83.2	85.1	88.9	84.0
1955	78.2	74.0	83.4	91.2	82.3	73.4		-	92.4	92.0	98.5	98.2
1960	93.8	87.6	92.0	96.1	95.6	92.5	87.2	101.2	98.6	95.5	101.6	103.2
1961	96.1	88.0	91.1	97.2	94.6	92.5	88.7	101.7	96.9	97.2	100.7	101.0
1962	98.4	88.9	92.1	96.7	93.7	92.5	89.2	102.1	99.1	96.1	99.1	98.9
1963	92.4	88.7	91.8	96.3	93.8	92.5	91.8	101.3	98.7	95.1	97.9	97.3
1964	93.3	88.9	91.0	93.7	93.8	94.9	90.7	100.4	98.3	90.7	98.3	96.7
1965	98.0	90.7	93.6	95.5	93.4	95.8	92.8	100.1	98.2	93.8	99.0	97.5
1966	109.8	96.8	101.0	97.8	95.5	98.0	96.7	99.6	98.9	97.4	99.4	98.3
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102 1	104.8	99.5	98.9	103.7	103.6	92.7	100.9	100.8	98.1	99.8	101.0
1969	108.7	109.5	103.3	100.9	112.6	108.9	93.3	101.8	105.2	99.6	99.9	100.3
1970	107.7	113.3	106.4	106.2	150.3	127.4	103.6	105.9	106.1	101.0	102.2	100.9
1971	112.7	116.8	108.4	115.2	162.0	148.8	108.5	116.2	114.6	107.2	104.1	102.0
1972	140.3	124.5	117.8	118.6	193.8	155.5	114.1	121.5	113.8	108.9	104.2	101.2
1973	160.1	130.5	129.8	134.3	218.1	186.6	126.7	129.3	126.0	126.7	110.0	103.4
1974	154.3	140.0	136.5	208.3	332.4	247.7	162.2	163.1	211.8	223.4	146.8	151.7
1975	151.5	147.8	141.0	245.1	385.8	330.8	216.7	193.4	245.7	257.5	181.3	206.9
1976	188.1	158,9	152.9	265.6	368.7	346.8	286.6	207.6	253.6	276.6	187.2	2 (9.3
1977	201.0	168.7	163.4	302.2	389.4	379.4	387.8	232.9	274.2	308.2	192.6	223.9
1978	238.6	183.0	177.0	322.5	430.0	411.8	428.7	250.6	300.1	321.0	198.8	225.6
1979	35კ.7	218.0	205.0	408.1	45 9	429.2	544.1	270.2	376.5	444.8	222.3	264.0
1980	310.6	233.1	218.3	574.0	467.3	430 6	760.7	321.6	556.4	674.7	260.3	324.0
1981		240.9	241.8	694.5	497.2	456.3	P39.4	367.2	803.5	805.9	287.6	363.3
1982	311.4	245.0	247.4	693.2	534.7	461.7	1060.8	406.5	733.4	761.2	292.3	352.6



Table 116. Producer Price Indexes by commodity group, selected years, 1926-82 1—Continued [1967=100 unless otherwise indicated]

Code number	06-21	06-22	06-3	06-4	06-5	06-6	06-7	07	08	08-1	06-2	08-3
Year	Pre- pared paint	Paint materi- als	Drugs and pharmaceuti- cals	Fats and oils, inedible	Agricultural chemicals and chemical products	Plastic resins and materi- als	Other chemicals and allied products	Rubber and plastic products	Lumber and wood products	Lumber	Millwork	Plywood
1926	48.9	57.2	_	141.3		_		113.6	26.5	25.2	20.0	
1930	47.6	48.2		100.5	_	_	_	52.0	22.9	21.5	30.0 28.4	_
1935	41.9	42.7		87.2	_	_		47.3	21.4	00.6	05.0	
1940	46.1	44.4	_	63.1	1		_		21.4	20.6	25.3	_
1945	48.5	67.1	l .		_	_	*****	57.1	27.4	25.8	31.4	
1950	71.2		105.0	144.2			_	70.5	41.2	38.9	41.0	_
1056		98.0	105.2	140.3	89.4	107.5	77.0	85.9	89.3	86.6	78.2	121.5
1955	62.1	104.4	105.6	115.6	96.5	126.5	85.1	102.4	97.1	94.5	87.7	120.4
1960	92.1	111.9	106.6	100.2	98.5	108.2	93.6	103.1	95.3	92.1	93.1	109.6
1961	94.8	109.6	104.6	107.6	98.6	103.4	94.5	99.2	91.0	87.4	90.8	107.3
1962	95.0	105.2	102.1	93.6	98.4	103.0	94.4	96.3	91.6	89.0		
1963	95.0	100.2	101.2	98.6	96.7	100.8	95.4				90.7	103.6
1964	95.8	100.1	101.1	119.1				96.8	93.5	91.2	92.7	104.6
	00.0	100.1	101.1	118.1	96.1	100.0	<del>96</del> .2	95.5	95.4	92.9	96.7	103.5
985	96.4	98.8	100.4	138.6	98.3	99.3	97.2	95.9	95.9	94.0	96.0	103.5
966	97.7	99.1	100.5	126.4	99.2	100.0	98.4	97.8	100.2	100.1	98.0	104.0
967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
966	104.8	101.4	99.3	90.9	96.1	91.9	101.6	103.4	113.3	117.4	105.8	115.7
969	109.1	102.1	99.9	109.1	86.7	90.4	104.2	105.3	125.3	131.6	117.8	122.5
970	112.4	101.4	101.2	132.6	00.5	000	400.0					
971	115.6	101.5			88.5	90.6	108.6	108.3	113.6	113.7	118.0	106.4
972	118.0		102.4	133.6	92.1	66.7	112.0	109.1	127.3	136.0	120.8	114.6
973		104.1	103.0	115.6	91.7	88.7	113.5	109.3	144.3	159.4	128.4	130.7
074	122.2	113.2	104.3	228.3	96.6	92.1	118.1	112.4	177.2	205.2	144.2	155.2
974	145.7	152.3	112.7	338.2	137.7	143.8	147.5	136.2	183.6	207.1	157.1	161.1
975	166.9	177.2	126.6	255.2	203.6	160.9	168.6	150.2	176.9	192.5	160.4	161.2
976	174.4	189.8	134.0	249.9	188.3	194.0	170.7	159.2	205.6	233.0	176.9	167.0
977	182.4	205.9	140.5	279.0	187.8	197.5	175.7	167.6	236.3	276.5	193.7	212.2
978	192.3	212.7	148.1	315.6	198.4	199.8	181.6	174.8	276.0	322.4	235.4	
979	204.4	241.2	159.4	378.6	214.4	235.9	191.8	194.3	300.4	354.3	254.3	235.6 250.5
980	235.3	273.9	1745	000.0	057							
981		- 1	174.5	298.0	257.1	279.2	224.5	217.4	268.9	325.8	260.4	246.5
962	249.6	300.1	193.5	295.6	285.0	289.2	254.2	232.6	292.8	325.1	273.4	245.7
302	262.8	304.6	210.1	267.1	292.4	263.4	270.1	241.4	284.7	310.6	279.4	232.1



Table 116. Producer Price Indexes by commodity group, selected years, 1926-82 1—Continued [1967=100 unless otherwise indicated]

	09	09-1	09-2	10	10-1	10–17	10-2	10–3	10-4	10-5	10-6	10-7
Year	Pulp, paper, and allied products	Pulp, paper, and prod- ucts, exclud- ing building paper and board	Building paper and board	Metals and metal products	Iron and steel	Ste <del>el</del> mill products	Nonfer- rous metals	Metal containers	Hard- ware	Plumbing fixtures and brass fittings	Heating equip- ment	Fabricat ed structur al meta producti
926	_	_	_	41.4	38.3	_	43.4	49.8	_	72.9		_
930			_	36.2	34.2	_	35.9	48.2	_	59.5	_	
<b></b>	1 -		_	30.E	J-1.2	_	00.0	70.2		00.5		
935	l –	_	_	33.8	33.2	_	29.8	47.3	_	40.9	_	] _
940		_	_	37.8	36.4	34.7	35.2	44.5	_	50.0		_
945	1 _	_	l _	39.6	37.9	35.8	37.3	45.5	_	52.5	_	_
950		74.0	81.5	66.3	64.6	59.4	64.4	63.6	59.2	76.5	93.5	74.
955		87.5	99.1	82.1	80.3	77.2	88.3	77.4	75.9	88.7	102.5	87.
960	98.1	97.7	110.3	92.4	97.1	96.4	85.9	89.6	90.3	93.3	105.8	95.
961	95.2	94.7	109.7	91.9	97.2	96.0	83.0	91.2	91.2	93.4	101.8	94.
962		96.1	105.8	91.2	95.8	95.8	82.1	92.7	91.4	90.6	100.5	93.
963		95.3	104.4	91.3	95.7	96.3	82.0	93.6	91.5	90.5	100.2	93.
964		95.3	102.3	93.8	97.0	97.1	87.6	94.3	92.1	91.3	99.2	94.
965		96.2	100.9	96.4	97.9	97.5	95.3	96.2	93.1	93.3	98.9	96.
966	98.8	98.8	100.8	98.8	98.7	98.9	100.0	· 98.3	96.3	98.1	99.8	98.
967		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
968	101.1	101.2	100.9	102.6	101.9	102.5	103.5	103.7	102.7	103.3	102.7	102.
969	104.0	104.1	105.5	108.5	107.0	107.4	113.5	106.9	106.1	107.3	105.4	105.
970	108.2	108.5	101.0	116.6	115.1	114.2	124.7	112.6	111.5	111.2	110.6	112.
971		110.4	102.8	118.7	121.8	122.9	114,6	121.8	116.8	116.4	115.3	118.
972		113.7	106.4	123.5	128.4	130.4	116.9	128.9	120.2	119.7	118.2	122.
973		122.5	112.8	132.8	136.2	134.1	135.0	134.7	124.7	125.8	120.4	127.
974	151.7	152.8	123.5	171.9	178.6	170.0	187.1	164.7	140.7	149.1	135.0	161.
975		171.9	127.1	185.6	200.9	197.2	171.6	192.1	163.0	162.3	150.7	189.
976		180.8	138.8	195.9	215.9	209.8	181.6	202.2	173.1	174.1	158.0	193.
977	1	187.3	157.0	209.0	230.4	229.9	195.4	218.2	185.4	186.6	165.5	206.
978		195.6	197.4	227.1	253.6	254.5	207.8	243.4	200.4	199.1	174.4	226.
979	219.0	220.2	182.4	259.3	283.5	280.4	261.7	269.2	218.7	217.1	187.1	248.
980		250.6	206.2	286.4	305.2	302.7	305.0	298.6	240.5	246.7	206.5	270.
981		270.8	231.7	300.4	333.8	337.6	285.8	315.6	263.2	267.5	224.2	295.
982	288.7	273.2	239.5	301.6	339.0	349.5	263.6	328.5	280.3	278.7	237.2	304.



Table 116. Producer Price Indexes by commodity group, selected years, 1926-82 1—Continued [1967=100 unless otherwise indicated]

Code number	10-8	11	11-1	11-2	11-3	11-4	11-6	11-7	11-9	12	12~1	12-2
Year	Miscella- neous metal products	Machinery and equipment	Agricul- tural machin- ery and equip- ment	Construc- tion machin- ery and equip- ment	Metal- working machin- ery and equip- ment	General purpose machinery and equipment	Special industry machin- ery and equip- ment	Electri- cal machin- ery and equip- ment	Miscella- neous machin- ery	Furniture and house- hold durables	House- hold furniture	Com- mercia furnitur
1926			43.9			_	_	_		59.1	52.6	
930		<b>–</b>	41.7		_	_	_	_	_	54.9	49.4	-
935	_	_	41.2	_		_	_	_	_	48.1	40.6	
940	_	41.4	40.8	32.5	_	40.5	_	45.2	_	53.8	43.0	
945	_	42.2	42.9	35.7		40.6	_	44.6	_	63.2	53.8	
1950	69.8	63.1	65.2	54.5	55.1	60.4	_	68.9	66 6	84.7	75.6	64
955	77.3	75.7	72.6	67.0	67.9	73.2	_	82.9	80.1	93.3	81.9	77
960	88.3	92.0	86.1	85.9	85.1	91.2	_	99.5	93.1	99.0	90.0	92
961	90.5	91.9	87.7	87.3	85.9	90.5	86.0	98.2	94.1	98.4	91.1	91
962	91.2	92.0	89.5	87.5	87.3	90.9	87.3	96.7	94.4	97.7	91.9	92
963	92.3	92.2	90.8	89.0	87.6	91.4	89.1	95.7	94.7	97.0	92.6	92
964	95.3	92.8	92.2	91.2	89.3	91.9	90.7	95.1	95.6	97.4	93.3	92
965	96.0	93.9	94.0	93.6	91.8	92.5	92.5	95.1	96.2	96.9	94.1	93
966	98.0	96.8	96.8	96.5	96.0	96.6	95.8	97.2	97.4	98.0	96.6	95
967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
968	102.0	103.2	103.9	105.7	104.0	103.3	105.2	101.3	104.3	102.8	103.9	10:
969	107.3	106.5	108.5	110.4	108.0	107.0	110.0	102.9	108.1	104.9	108.4	10
970		111.4	113.2	115.9	114.1	113.7	115.7	106.4	112.8	107.5	111.7	114
971		115.5	117.5	121.8	117.7	119.3	120.9	109.2	117.4	110.0	114.9	11
972		117.9	122.3	125.7	120.2	122.4	123.7	110.4	120.2	111.4	117.3	12
973	129.5	121.7	125.9	130.7	125.5	127.0	130.1	112.4	124.0	115.2	123.0	129
974	157.3	139.4	143.8	152.3	146.9	151.2	151.0	125.0	139.5	127.9	136.6	15
975	181.1	161.4	168.6	185.2	171.6	178.5	175.0	140.7	162.3	139.7	148.3	16
976	186.9	171.0	183.0	198.9	182.7	189.8	188.4	146.7	171.9	145.6	153.6	17
977		181.7	197.9	213.5	198.5	201.8	202.7	154.1	180.7	151.5	162.2	18
978	212.0	196.1	213.1	232.9	217.0	216.6	223.0	164.9	194.7	160.4	173.5	20
979	231.4	213.9	232.1	256.2	241.3	236.4	247.0	178.9	208.9	171.3	186.3	22
980		239.8	259.2	289.4	274.4	264.6	275.8	201.7	229.9	187.7	204.8	23
981	270.5	263.3	288.3	320.8	288.7	388.7	307.9	220.2	252.6	198.5	219.2	, 25
982	262.3	278.6	311.1	343.9	320.9	304.0	325.1	231.6	2 <del>6</del> 8.4	206.9	229.8	27



Table 116. Producer Price Indexes by commodity group, selected years, 1926-821—Continued

[1967 = 100 unless otherwise indicated]

	12-3	12-4	12-5	12-6	13	13–11	13-2	13-3	13-4	13-5	13-6	13-7
Year	Floor cover- ings	House- hold appli- ances	Home electronic equipment	Other house- hold durable goods	Nonme- tallic mineral products	Flat glass	Con- crete ingredi- ents	Con- crete products	Structural clay products, excluding refractor- ies	Refrac- tories	Asphalt roofing	Gypsum producta
926	57.4		_		52.5	_	46.3	70.5	_	_	84.3	
930	54.3	_ '			51.0		51.3	70.4	_	_ '	64.3	_
935	47.5	_		_	50.4	_	51.6	56.7	_	_	70.5	
940	58.5	_	_		49.1		51.5	49.3		_	69.3	
945	60.0	_	_	_	55.7	_	55.7	59.2	_		71.8	
950	94.8	107.8	124.9	82.1	75.4	75.8	72.8	78.2	72.1	81.2	92.0	77.
955	104.3	112.9	120.0	74.8	87.5	90.1	85.2	88.0	83.8	82.2	96.3	90.
960	107.5	107.5	117.8	89.2	97.2	93.3	97.0	97.2	93.7	97.8	97.4	99.
961		105.5	115.4	89.1	97.8	92.3	97.1	97.2	94.2	97.0	104.9	101.
962	103.7	104.2	110.3	90.8	97.6	92.5	97.5	97.3	95.0	98.9	100.9	102.
963		101.8	107.3	90.9	97.1	93.7	97.3	96.5	95.5	96.4	95.7	102.
964	106.3	101.2	105.8	92.0	97.3	97.8	97.1	95.7	95.8	97.1	94.5	105.
965	104.5	98.9	103.1	93.2	97.5	96.2	97.5	96.3	96.6	98.1	98.7	101.
966		98.8	101.2	95.5	98.4	96.0	98.1	97.7	98.2	98.8	102.1	99.
967		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
968	101.3	101.8	98.1	106.8	103.7	104.4	103.2	102.6	102.8	106.7	103.1	103
969	100.4	102.9	94.8	111.7	107.7	109.8	106.7	106.5	106.2	109.8	102.8	103.
1970	99.4	105.3	93.3	116.0	112.9	115.8	112.8	112.2	109.9	120.9	102.7	99.
971		107.8	93.4	120.9	122.4	123.2	121.9	120.6	114.8	126.9	125.5	109
1972		107.6	92.7	125.8	126.1	122.4	126.9	125.6	117.3	129.0	131.2	114
1973		108.5	91.9	130.4	130.2	121.4	131.2	131.7	123.3	136.3	135.5	120
1974	115.4	117.9	93.1	148.7	153.2	128.8	148.7	151.7	135.2	143.5	196.0	137.
1975	124.9	132.3	93.5	168.5	174.0	139.2	172.3	170.5	151.2	166.0	225.9	144
1978	131.4	139.2	91.3	179.1	186.3	150.0	186.7	180.1	163.5	184.0	238.3	154
1977		145.1	87.7	190.2	200.5	160.8	199.0	191.8	179.8	199.5	253.0	183
1978		153.0	90.2	203.1	222.8	172.8	217.7	214.0	197.2	218.5	292.0	229
1979	147.9	160.9	91.3	228.2	248.8	183.9	244.0	244.1	217.9	236.5	325.3	252
1980	163.0	174.2	91.4	278.6	283.0	196.5	274.0	273.9	231.5	264.8	396.8	256
1981		187.3	89.2	281.0	309.5	212.8	296.3	291.2	249.8	302.4	407.5	256.
1982		199.1	88.1	289.3	320.2	221.8	310.5	260.8	259.9	337.1	398.4	256.



Table 116. Producer Price Indexes by commodity group, selected years, 1926-821—Continued [1967=100 unless otherwise indicated]

Code number	13-8	13-9	14	14-1	14-11	14-4	15	15–1	15-2	15-3	15-4	15-9
Year	Glass containers	Other nonme- tallic minerals	Transporta- tion equipment (Dec. 1968 = 100)	Motor vehicles and equip- ment	Motor vehicles	Railroad equip- ment	Miscella- neous products	Toys, sporting goods, small arms, etc.	Tobac- co prod- ucts	Notions	Photo- graphic equip- ment and supplies	Other miscella neous product
1926	_	_	_	41.9	_		_	_				
1930	_	_	_	39.4	_	-	_	_	_	_	_	-
1935	_	_	_	35.2	_			_	_		_	
1940	_	<u> </u>		40.4	_	<b>–</b>	_		_		_	_
1945			_	48.3		-	-	_	_		_	_
1950		80.2	_	75.3	77.9		79.2	85.6	73.6	93.3	76.3	81.4
1955	85.8	91.1	_	86.3	89.3	_	86.5	90.9	82.7	93.3	82.3	88.3
1960	98.0	100.8	_	98.8	102.2	_	93.0	94.7	90.3	98.2	93.4	94.
1961	97.3	100.2	_	98.6	101.8	96.7	93.3	95.4	90.3	97.6	94.6	94.
1962	95.8	100.2		98.6	101.0	97.0	93.7	95.3	90.4	97.4	96.9	95.0
1963 1964	95.5	99.4	_	97.8	100.2	97.0	94.5	95.5	92.6	97.5	96.8	94.
	96.0	99.5	-	<del>98</del> .3	100.0	97.0	95.2	95.5	93.9	97.8	97.5	95.1
1965	97.0	99.3	_	98.5	99.6	97.4	95.9	97.1	94.1	97.8	98.2	96.0
1966	98.8	99.7	_	98.6	99.0	97.7	97.7	98.4	97.1	99.2	97.9	97.4
1967 1968	100.0	100.0	_	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
969	107.5	103.2		102.8	102.2	103.1	102.2	102.4	102.0	100.0	102.2	102.0
	114.8	107.0	100.8	104.8	103.7	108.8	105.2	105.3	107.1	102.9	102.4	104.3
1970	120.4	112.2	104.6	108.7	107.3	115.1	109.9	109.6	113.6	108.4	104.9	108.
1971	131.5	124.1	110.3	114.9	113.2	120.9	112.9	112.7	116.6	111.9	106.2	112.0
1972 1973	135.1	127.0	113.7	118.0	116.0	128.7	114.6	114.4	117.5	112.1	106.7	118.0
974	138.9	128.4	115.1	119.2	116.7	134.7	119.7	117.9	121.9	114.3	108.4	125.4
19/4	155.5	188.7	125.5	129.2	125.5	163.8	133.1	132.3	132.8	137.4	116.6	142.1
975	179.7	220.3	141.5	144.6	137.5	201.2	147.7	146.0	149.6	151.0	130.6	155.5
976	195.4	232.5	151.1	153.8	146 4	216.7	153.7	150.0	163.0	162.3	136.2	152.9
977	214.2	250.5	161.3	163.7	155.7	233.5	164.3	155.2	179.8	172.4	139.9	167.4
978	244.4	275.6	173.5	176.0	167.7	252.8	184.3	163.2	198.5	182.0	145.7	210.6
979	261.1	313.7	188.1	190.5	181.6	277.3	208.7	176.2	217.8	191.8	153.7	263.7
980	292.7	394.6	207.0	208.8	197.7	313.1	256.8	198.6	245.7	217.2	202.9	363.4
981	328.7	463.8	235.4	237.6	216.6	336.1	265.7	211.9	268.3	259.6	210.0	347.4
982	355.5	471.8	249.7	251.3	227.1	346.5	276.4	221.5	323.1	277.0	210.4	338.3

<sup>1</sup> Prior data are as follows:

Item	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907
All commodities	28.9	28.8	26.9	27.5	24.7	25.2	23.9	24.0	25.0	26.9	28.9	28.5	30.4	30.7	30.8	31.0	32.0	33.6
	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925
All commodities Industrial commodities * Farm products	32.4 — —	34.9 — —	36.4	33.5 — —	35.6 — —	36.0 37.2 43.7	35.2 35.2 43.5	35.8 36.1 43.7	44.1 46.6 51.7	60.6 61.0 78.9	67.6 65.9 90.6	71.4 68.6 96.4	79.6 85.7 92.2	50.3 55.7 54.1	49.9 54.4 57.4	51.9 55.6 60.4	50.5 53.1 61.1	53.3 54.6 67.1

<sup>\*</sup> Formerly titled "All commodities other than farm and foods."



Prices for some Items in this grouping have been lagged 1 or 2 months

from January 1958 through December 1982.

The index for natural gas was lagged 2 months from January 1958 through June 1977 and was lagged 1 month from August 1977 through December 1982.

This index was lagged 1 month from January 1958 through May 1977.

The lag was eliminated with the publication of the June 1977 index.

<sup>\*</sup> Prices for gasoline, light distillate, middle distillate, and residual fuels have been lagged 1 month from March 1973 through December 1982.

<sup>&</sup>lt;sup>7</sup> Prices for some industrial chemicals have been lagged 1 month from January 1974 through December 1982.

NOTE: For a description of the Producer Price Index (formerly known as the Wholesale Price Index), see BLS Handbook of Methods, Volume I, Builletin 2134-1), ch. 7.

Table 117. Producer Price indexes by durability of product, selected years, 1947-82 [1967=100]

	Total	Total	Mar	nufactured god	ods	Raw or sli	ghtly process	ed goods
Year	durable goods	nondurable goods	Total	Durable	Nondurable	Total	Durable	Nondurable
1947	59.9	89.2	72.3	59.4	86.0	95.7	82.0	96.6
1950	70.2	90.6	78.4	69.6	87.7	97.5	90.8	97.9
1955	82.8	91.8	86.6	82.2	91.2	94.3	104.3	93.7
1960	94.1	95.4	94.8	94.1	95.2	96.2	92.1	96.4
1961	93.7	95.1	94.4	93.6	95.0	95.7	93.8	95.8
1962	93.4	95.6	94.5	93.5	95.1	96.9	87.9	97.4
1963	93.4	95.1	94.3	93.5	94.8	95.9	88.3	96.4
1964	94.7	94.7	94.8	94.6	93.7	94.9	96.6	94.6
1965	95.9	96.9	96.3	95.8	96.6	98.1	103.2	97.6
1968	98.1	100.9	99.1	97.9	100.0	103.7	107.4	103.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	103.4	101.7	102.6	103.5	101.5	102.2	99.6	102.3
1969	107.8	105.4	106.3	107.7	104.6	108.1	114.2	107.8
1970	112.4	108.9	110.2	112.1	108.2	111.4	123.8	110.8
1971	116.9	111.8	113.9	117.0	110.6	114.8	112.3	114.8
1972	121.1	117.6	117.9	121.1	114.7	124.6	115.0	125.1
1973	127.9	139.9	129.2	127.4	131.0	182.5	149.4	163.2
1974	150.1	187.6	154.1	148.6	159.5	189.7	216.7	188.2
1975	185. <b>8</b>	181.7	171.1	165.8	176.6	193.4	171.8	194.6
1976	178.0	188.0	179.0	175.6	182.1	202.3	187.8	202.7
1977	188.1	198.4	190.1	188.1	191.8	213.8	186.5	215.1
1978	204.9	211.9	204.2	204.7	203.0	234.6	209.6	235.8
1979	226.9	241.7	228.8	226.1	231.1	270.4	<b>262.</b> 1	270.
1980	251.5	282.4	<b>26</b> 1.5	250.8	273.0	305.7	278.2	306.
1981	269.8	312.4	286.0	269.7	303.6	330.7	271.2	334.0
1982	279.0	315.3	292.7	279.8	306.4	331.2	233.8	337.

NOTE: For a description of the series by durability of product, see Wholesale Prices and Price Indexes, Supplement 1976, Data for 1975.



Table 118. Industry-sector price indexes for the output of selected industries, 1959-82 [1967=100 unless otherwise indicated]

72 SIC Code	Industry	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	197
	MINING INDUSTRIES												
1011	Iron ore (12/75=100)	1		1	ļ	1	ļ	ļ	!	!	:	ļ	
1092	Mercury ores (12/75=100)	=	i —	-	_	-	! -	-	-	_	-	-	-
1111	Anthracite	108.6	107.4	103.0	101.4	1000	1057	400.0	99.6	1000	107.0	4470	1
1211	Bituminous coal and lignite	95.3	94.7	93.9	93.2	103.3	105.7 92.8	100.9	1	100.0	107.2	117.0	131
1311	Crude petroleum and natural gas	95.4	96.7	98.0	93.2	98.4	98.2	93.0	95.5 98.8	1	103.5	112.2	151
,0,,	Cross perioreum and material gas	95.4	<b>50.</b> /	90.0	90.0	90.4	90.2	90.1	90.0	100.0	101.0	104.8	106
1421	Crushed and broken stone	94.6	95.1	96.0	96.8	98.5	97.4	97.5	97.7	100.0	102.9	106.8	112
1442	Construction sand and gravel	90.9	91.8	91.8	92.9	93.7	94.8	96.1	97.8	100.0	104.6	108.8	115
1455	Kaolin and ball clay (6/76 = 100)	_	_	_		_	_	_	_	_	_	_	
1475	Phosphate rock	68.0	73.7	79.4	81.0	83.7	87.4	93.7	98.4	100.0	100.0	100.0	89
1476	Rock sait	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	104.7	110
1477	Sultur	69.6	69.6	69.6	69.6	69.6	69.6	75.8	76.2	100.0	122.9	110.6	67
	MANUFACTURING INDUSTRIES												
2011	Mantactiles also								İ				1
2013	Meatpacking plants	_	<b>–</b>	_	_	-	_	! —	_	100.0	101.6	113.4	115
2013	Sausages and other prepared meats	400.0	440		404.0	-	i	-		100.0	101.2	115.9	118
2010	Poultry dressing plants		112.4	98.7	101.9	100.7	99.0	102.7	111.6	100.0	105.5	114.4	112
2021	Creamery butter   Natural and processed cheese (12/72=100)   Natur		=	_	_	_	_			100.0	102.9	105.0	109
		ł					_			_		_	}
2024	Ice cream and frozen desserts (12/72 = 100)	_	-		_	_	-	:	-	_	_	<b>—</b>	
2026	Fluid milk (12/73=100)		_		-	_	l –	j —	_	_	i —	<b>–</b>	
2033	Canned fruits and vegetables	_	_	_	-	_	-	<b>-</b>	-	100.0	105.3	104.4	107
2034	Dried and dehydrated fruits and vegetables										Ì		
0044	(12/73 = 100)	_	_	_	_	-	! –	<b>–</b>	-	-	-	_	'
2041	Flour and other grain mill products (12/71 = 100)	_	_	_	_	_	-	-	_	-	_	_	
2042	Prepared animal feeds (12/71 = 100)				_	_	i —	_		_	_	_	
2044	Rice milling	100.6	95.1	99.6	104.5	104.2	100.4	98.1	98.7	100.0	100.0	96.9	97
2045	Blended and prepared flour (12/74 = 100)	_	_	_	_		i —	_		_	_	_	1
2048	Prepared feeds, n.e.c. (12/75 = 100)	_		_		_	! –		! _	<b>!</b> — !	_	_	
2051	Bread and related products (12/73=100)	_	<b>–</b>	-		_	-	_	_	_	_	_	
2052	Biscuits, crackers, and cookies			_			_	_	!	10C.0	103.1	104.7	113
2061	Raw cane sugar	_			_	_	_		. –	100.0	103.1	106.3	
2062	Cane sugar refining			_	_		_	_		100.0	102.2	107.3	113
2063	Beet sugar	_	_	_	_		_	_	_	100.0	102.4	105.0	111
2067	Chewing gum	94.5	100.3	103.1	103.1	103.1	103.1	100.6	100.0	1 3.0	100.2	100.4	107
2074	Cottonseed oil mills	92.3	85.0	99.9	94.2	91.9	87.7	93.9	110.9	100.0	103.1	99.1	105
2075	Soybean oil mills		-	55.5	-	31.5	07.7	30.5		100.0	96.0	95.6	
2077	Animal and marine fats and oils	_	_	_	_		-	_		100.0	93.5	111.8	
2079	Shortening and cooking oils		88.3	100.7	95.1	86.3	88.0	99.5	102.9	100.0	98.1	101.5	1
2082	Mait liquors	97.8	97.1	97.5	97.1	97.2	97.6	97.9	98.4	100.0	101.4	103.2	106
2083	Mait				ŀ					1000	07.1	07.4	
2084	Malt	00.4	000	-		-	<u> </u>			100.0	97.1	97.1	94.
£V04	THIRDS AIRL LITAINLY	92.4	92.3	92.9	99.1	99.1	97.5	99.9	98.5	100.0	103.3	104.3	108.



Table 118. Industry-sector indexes for the output of selected industries, 1959-82—Continued

[1967 = 100 unless otherwise indicated]

												i	_
72 SIC Code	Industry	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	19
	MINING INDUSTRIES		 	,		!	! !						
1011	Iron ore (12/75 : 100)	_	i —	_	i _	· _	: : 107 <b>2</b>	118.8	121.9	134.8	152.9	167.6	179
	Mercury ores (12/75 – 100)	_	-	_	_	L .	103.1	117.5	126.6	234.4	331.2	346.0	312
1111	Anthracite	1448	151.0	166.8	246.9	372.6	_		_	_	i —	_	ļ
1211	Bituminous coal and lignite	185.2	197.4	222.5	339.6	387.2	367.7	388.7	430.2	451.3	466.7	493.7	53
1311	Crude petroleum and natural gas		115.4	127.2	199.8	239.4	266.8	317.0	358.2	459.8	643.8	898.6	92
1421	i		120.2	122.7	133.0	147.6	1					_	
	Crushed and broken stone		123.3	127.6	139 1	157.0	187.4	178.6	194.6	217.6	252.7	277.4	29
1442	Construction sand and gravel		123.3	127.0	138 1	137.0	107.4	104.1	111.8	125.8	136.0	138.7	15
1455 1475			79.8	79.8	_			104.1	111.5	123.0	130.0	_	١.,
1475	Rock salt		124.4	124.4	I =				i _	_		l _	
1477			59.8	59.8	! _		_	_	i _	_	_	I _	
14//		39.0	38.0	38.0			į			j	1		
	MANUFACTURING INDUSTRIES	İ		j				<u> </u>		İ			
2011	Meatpacking plants	115.5	130.5	188.0	168.4	195.4	176.6	177.9	218.7	247.4	244.4	243.1	24
2013	· • • • • • • • • • • • • • • • • • • •		126.8	169.5	163.1	195.2	184.4	179.9	215.2	219.6	220.2	241.4	12
2016		111.0	113.8	175.6	157.1	181.5	165.3	172.1	192.5	187.1	191.9	192.0	
2021	Creamery butter	113.1	116.4	131.7	139.8	158.6	173.9	183.9	205.2	228.8	258.5	274.8	2
2022	Natural and processed cheese (12/72 = 100)	-	_	112.3	124.1	134.9	148.9	152.0	169.6	189.2	204.4	215.7	2
2024	ice cream and frozen desserts (12/72 = 100)	! _	_	103.3	117.2	127.3	135.7	143.8	154.8	172.5	193.3	211.9	2
2026	Fluid milk (12/73 = 100)		_	_	105.4	109.0	_	_	_	l –	-	_	
2033	1	111.7	115.6	123.6	150.6	169.2	168.5	179.5	193.2	208.6	221.4	248.5	2
2034	Dried and dehydrated fruits and vegetables	1					ļ	ĺ		ļ	1		
2004	(12/73 = 100)	-	_	! _	105.4	100.8	103.3	125.0	131.3	174.2	160.2	177.6	1
2041		-	103.8	140.5	177.7	183.8	153.2	13C.7	147.0	173.1	189.1	196.0	1
2042	Prepared animal feeds (12/71 = 100)	_	106.4	182.2	175.0	168.5	_	_	_		_	_	
2044	Rice milling		110.9	207.0	285.0	200.9	157.7	170.9	207.6	204.0	243.4	277.2	1
2045	Blended and prepared flour (12/74 = 100)	_		_		93.5	_	_	_	I —	_	-	
2048	Prepared feeds, n.e c. (12/75 = 100)		I _	_	l _	_	107.8	109.2	107.3	120.4	124.2	124.5	1
2051	Bread and related products (12/73=100)	1	-	_	109.1	118.8	-	_	_	-	_	¦ –	
2052	Biscuits, crackers, and cookies	119.3	122.0	129.7	168.0	198.4	l _	l _	_	_	_	_	
2061	Raw cany sugar		125.1	140.5	395.0	314.6	186.0	147.3	190.7	210.3	414.1	273.5	2
2062		1183	124.9	138.1	329.0	314.9	100.0	_	_	_	_	_	1
2063	Beet sugar	116.5	120.8	128.9	326.0	302.8	178.5	158.4	188.5	202.6	358.0	314.3	2
2067	Chewing gum	123.8	125.9	126.2	144.8	195.1	202.7	203.4	218.0	245.8	290.7	309.8	3
0074	:		110.6	177.4	197.6	161.9	177.9	185.8	183.1	207.4	192.9	199.0	1
2074	Cottonseed oil mills		128.1	258.1	228.7	187.2	196.4	232.3	225.6	245.0	244.3	245.8	2
2075	Soybean oil mills	1257	132.5	} ∠30.1 :⁄71.8	289.2	222.4	243.2	268.8	287.9	338.4	290.2	288.0	2
2077	Shortening and cooking oils	120.7	120.2	147.1	229.0	211.5	240.2	200.0		_			1
2079 2082	Malt liquors	.₁ 121.3 .∤ 110.5	110.7	111.6	122.2	136.9	_	_	-	_	_	-	
		1			1	266.8	223.9	208.5	181.5	203.7	249.9	282.5	2
2083	Malt	1	94.2	121.3	206.2	156.9	223.9	200.5	101.5	203.7	278.8	202.5	-
2084	Wines and brandy	. 117. <b>1</b>	125.2	133.5	147.7	9.00.	i -	_	-		1 -	!	



Table 118. Industry-sector price indexes for the output of selected industries, 1959-82—Continued [1967 == 100 unless otherwise indicated]

72 SIC	industry	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	19
	MANUFACTURING INDUSTRIES—Continued												
2085	Distilled liquor, excluding brandy (12/75 = 100)	_	_		_	_		!	!	<u> </u>			
2086	Bottled and canned soft drinks (12/73 = 100)					_	_	_	_			_	İ
2091	Canned and cured seafoods (12/73 = 100)		_		_	; <del>-</del>	l	i _	i	i _	:	_	
2092	Fresh or frozen packaged fish		74.4	80.0	94.1	89.5	83.3	88.7	102.1	100.0	107.4	117.7	12
2095	Roasted coffee (12/72=100)		_	_		_	-	_	_	_	_	-	-
2098	Macaroni and noodle products	_	_	_	_	_	_	_		100.0	100.2	101.4	10
2111	Cigarettes	89.5	89.6	89.6	89.6	92.0	93.3	93.6	96.6	100.0	102.3	107.6	11
2121	Cigars		99.7	99.7	99.7	99.6	99.6	99.6	100.0	100.0	100.8	103.4	10
2131	Chewing and smoking tobacco		83.9	84.6	85.8	88.9	92.1	92.6	99.3	100.0	101.1	107.0	11
2211	Weaving mills, cotton (12/72=100)	_	_	·		-	_	_	_	_	_		'
2251	Women's hosiery, excluding scoks (12/75 = 100)	! <b>-</b>	_	_	_	_		_	_	_		_	
2254	Knit underwear milis	·	_	!			· —	i I		100.0	103.2	105.3	10
2257	Circular knit fabric (6/76=100)		_	<u> </u>	_	_	_	_	i _	_	-		'
2261	Finishers of broadwoven fabrics of cotton (6/	!										1	İ
2262	76 = 100)	1	_	_	_	_	_		_	_	-	<b>-</b>	
	(6/76 = 100)	_	_	_	-	-	-	_	-			_	
2271	Woven carpsts and ruga (12/75 = 100)			i –		_		· -	_	_	_	<u> </u>	
2272	Tufted carpets and rugs					!				100.0	100.4	100.2	١٤
2281	Yarn mills, except wool (12/71 = 100)	_	_	<b>.</b> – !	!	_	_		_	_	_	l –	
2282	Yarn texturizing (6/76 = 100)		_				i			_	_	<b>—</b>	ľ
2284	Thread mills (6/76 = 100),	_		_	_	_	_	_	_	_	_	-	
2297	Scouring and combining plants (12/73 = 100)	_	_	_	_	_	_	_	_	_	_	_	
2311	Men's and boys' suits and coats	82.9	85.5	86.9	86.7	89.4	921	94.7	97.8	100.0	106.0	114.2	12
2321		90.0	91.5	92.2	94.0	94.7	95.2	95.7	98.0	100.0	103.0	107.8	11
2322	Men's and boys' underwear		_	!	_		! —		<u> </u>	100.0	102.8	105.9	10
2323	Men's and boys' neckwear (12/75 = 100)	_	- <u>-</u>	-	-	-	_	-	_	_	-	-	İ
2327	Men's and boys' separate trousers		_	_	_	_	_			100.0	102.2	105.1	10
2328	Working clothing	90.3	92.4	92.4	94.4	94.2	94.5	94.3	96.2	100.0	102.9	105.8	11
2337	Women's suits, coats, and skirts (12/71 = 100)	_	_	_ i	_	_	_	_	_	_	-	_	
2341	Women's and children's underwear (12/72 = 100)	_	}	-	_	-		-		_	<b>—</b>	-	
2342	Brassieres and allied garments (12/75=100)	_	-	-		-		_	_	-	-	-	
2381	Fabric dress and work gloves		86.5	88.2	91.9	93.5	95.0	95.0	96.2	100.0	104.2	108.4	11
2421	Sawmills and planing mills (12/71 = 100)		-		}		·	<b>-</b>	-	_	¦ —	ļ —	
2426	Hardwood dimension and flooring	-	-	1	- 1	_			_	100.0	106.6	1183	11
2431	Millwork plants (12/71 = 100)			;		-	:	_	_	-	-	<u> </u>	1
2432	Veneer and plywood (12/71 = 100)	-				_		· -		_	-	į –	
2436	Softwood veneer and plywood (12/75 = 100)			:			-	_	-	_	i –	<u> </u>	
2439	Structural wood members (12/75 = 100)		-		!	· - ,	, -	. –	_	_	-		
2442	Wirebound boxes and crates (12/67 = 100)		- ;	_	- :	:	; — !		-	-	104.5	108.1	11
2448	Wood pallets and skids (12/75=100)	- 1	- :	- i			_			_	-	_	
2451	,		-	!	;	_	-	_		_	1 -	_	
2492	Particleboard (12/75 = 100)	-	!	<b>-</b> !	}	- :	_	_	_	_	-	_	
2511	Wood household furniture, not upholstered			i	:				!	!			1
	(12/71 = 100)	,		<del>-</del> ,		_		_				i —	1



Table 118. Industry-sector price indexes for the output of selected industries, 1959-82—Continued

[1967 = 100 unless otherwise indicated]

1972 SIC Code	Industry	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
	MANUFACTURING INDUSTRIES—Continued					  -  -		1					
2085	Distilled liquor, excluding brandy (12/75 = 100)		_		-		100.1	100.9	106.7	113.7	123.0	134.7	140.1
2088	Bottled and canned soft drinks (12/73 = 100)	_	_		119.0							-	407.0
2091	Canned and cured seafoods (12/73 = 100)	_		-		107.0	113.0	129.7	136.4		174.0 367.0	187.8 389.1	187.0 430.5
	Fresh and frozen packaged fish	141.6	186.8	104.7	202.9 120.7	218.5 131.4	276.0 188.4	292.3	303.8 262.3	381.8 254.5	269.3	238.1	247.2
2095	Roasted coffee (12/72 - 100)	_	_	1047	120.7	131.4	100.4	313.4	202.3	254.5	200.0	200.1	
2098	Macaroni and noodle products	106.2	1073	126.8	168.3	174.1	170.2	i	176.9	199.7	233.8	252.1	258.5
2111	Cigarettes	117.3	118.2	122.9	134 7		167.0	185.1	204.8	225.0	254.7	277.7	338.6
2121	Cigars	108.1	109.1	111.6	•	123.2	126.2	130.8	141.4	147.3	158.6	170.0	179.1 351.5
2131	Chewing and smoking tobacco		1	129.4		187.8	183.4	199.4	222.0	248.4	279.8 215.8	320.7 232.7	223.1
2211	Weaving mills, cotton (12/72 = 100)	_	_	110.0	134.8	138.8	102.0	173.8	181.1	195.3	2.15.0	232.7	223.1
2251	Women's hosiery, excluding socks (12/75 = 100)	! _	i _	! -	: <del>-</del>	۰	102.8	97.1	91.5	97.5	106.3	113.5	118.8
2254	Knit underwear mills	107.9	110.0	113.8	130.6	135.1	i —	156.2	164.1	173.3	190.1	210.2	228.7
2257	Circular knit fabric (6/78 = 100)		<u> </u>	_	<u> </u>	; <u> </u>	-	98.8	98.5	95.2	104.8	110.9	109.5
2261	Finishers of broadwoven fabrics of cotton	ļ	}	i	!	1		i	1				
	(6/76 = 100)		¦	; –	<u> </u>	i —	-	108.7	111.0	121.8	135.1	144.9	139.5
2262	Finishers of broadwoven fabric of manmade fiber (8/76 = 100)	_	<u> </u>	<u> </u>		_	_	99.5	101.4	107.2	113.8	128.5	128.2
2271	Woven carpets and rugs (12 '75 = 100)	_		_	·   —		100.3	108 6	114.7	¦ —	_		
2272		96.2	95.5	100.5	110.5	114.1	117.8	121.2	125.3	128.0	138.1	154.2	156.2
2281	Yarn mills, except wool (12/71 = 100)	!	104.7	124.8	149.4	129.8	182.4	165.8	167.4	176.7	203.8	221.7	213.8
2282	Yarn texturizing (8/76 = 100)		-	: _	<u> </u>	-	-	97.8	99.2	107.4	115.5	139.3	148.2
2284	Thread mills (6/78 - 100)	-	i	-		-	_	110.8	114.6	15.7	139.1	151.5	157.2
2297	Scouring and combining plants (12/73 = 100)		-	_	82.6	70.9	_	i —	i –	_	! -	-	-
2311	1	128.3	132.6	139.2			ــــ	! -	194.3	204.2	212.6	224.0	237.1
2321	Men's dress shirts and nightwear	1123	112.7	119.3	136.5	143.8	158.3	177.8	180.8	194.0	204.4	209.5	215.1
2322	Men's and boys' underwear	110.5	112.2	119.7	147.3	149.2	154.3	172.0	180.8	188.9	208.0	230.6	249.4
2323		i –	<u> </u>	<u> </u>	!	-	100.0	100.3	102.3	106.5	112.7	114.7	119.5
2327	Men's and boys' separate trousers	110.6	108.5	110.1	1204	127.2	140.6	147.7	152.7	161.5	175.4	188.2	193.8
2328		113.8	117.1	124.2	153.3	157.5	·	i –	195.2	208.6	240.5	248.6	253.2
2337	Women's suits, coats, and skirts (12/71 = 100)	_	100.3	101.3	105.5	104.7	-	_		-	_	i –	_
2341	Women's and children's underwear (12/72 = 100)	_	: <u> </u>	102.7	114.1	116.0	122.3	128.2		144.3	154.4	189.7	176.8
2342	Brassieres and allied garments (12/75 = 100)	<u> </u>	-	i –	-	-	103.8	107.3	111.7	116.9	128.5	136.7	148.7
2381	Fabric dress and work gloves	1115	120.7	134.8	175.8	172.1	179.4	199.7	214.4	241.4	268.6	289.3	292.1
2421	Sawmills and planing mills (12/71 = 100)				143.2	133.5		195.0		251.0	227.7	228.2	218.9
2426		115.6			180.7	180.6	-	<u> </u>	-	<u> </u>	-	-	-
2431	Millwork plants (12/71 = 100)		103.5	118.1	127.1	131.1	-		_	-	-	-	
2432	Veneer and plywood (12/71 = 100)	_	112.3	136.8	138.7	140.8	-	-	-	· –	-	-	-
2438	Softwood veneer and plywood (12/75 = 100)	!	· -	! _	i	i -	114.7	134.9	150.1	152.3	144.6	142.0	129.3
2439	Structural wood members (12/75 = 100)	; –	i —	: -			106.3	120.4	136.2	151.2	155 8	156.6	154.1
2442	Wirebound boxes and crates (12/67 - 100)	117.6	124 2	. 143.7	171.4	175.4	i -	1	-	i		450.5	445.6
2448	Wood pallets and skids (12.75 - 100)	–	_			_		119.8		166.5	1601	152.5	145.6
2451	Mobile homes (12/74 - 100)	.! <del>-</del>	-	: -	·	102.0	108.1	116.8	126.5	138.2	150.3	158.9	162.8
2492	Particle board (12/75 · 100)	· 	: _	! _		i -	; 100.2	120.1	159.7	139.1	181.5	173.6	175.9
2511	Wood household furniture, not upholstered	:				1		;	1	Ĭ	!		}
	(12/71 = 100)		102.0	. 107 7	119.4	127.5	134.6	. 141.6	152.4	165.5	183.8	197.5	207.3
				•		•	•	•	•				



Table 118. Industry-sector price indexes for the output of selected industries, 1959-82—Continued [1967=100 unless otherwise indicated]

972 SIC Code	Industry	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	MANUFACTURING INDUSTRIES—Continued									<del></del>			† 
2512	Wood household furniture, uphoistered (12/71 = 100)			1			 	! !					
2515	Mattresses and bedsprings	_	! -	_	-	j —	! -	! -	; –	100.0	100.5	1000	
2521	Wood office furniture	91.7	84.5	85.1	85.7	06.4	87.0	88.4	92.3	100.0	102.5	106.9	107.
2611	Pulp milis (12/73 = 100)	01.7	04.5	05.1	65.7	86.4	. 67.0	00.4	92.3	100.0	103.6	109.0	114.
2621	Papermills, except building papermills		-	-	_	_	_	-	_		i	-	-
	(12/74 = 100)	_	-	_	_		_	_	<u> </u>	_	_	-	_
2631	Paperboard mills (12/74=100)	_	_	_	_	_	_	_	_	_	_	_	_
2647	Sanitary paper products	l –		I -		_		l —	_	100.0	104.1	108.8	115.
2652		i —	_	-	- :	I —	i —		_	_	_	-	-
2654	Sanitary food containers	_	_	-			_	_	_	100.0	100.6	100.0	102.
2655	Fiber cans, drums, and similar products		Ì	l			<u> </u>	i		]	!	į	
	(12/75 = 100)	l	_	-	_	_	_	_	_	_	_	_	-
2812	Aikalies and chlorine (12/73=100)	_	_	l –	_	-	<u> </u>	i —	_	_	_	_	_
2819	Inorganic chemicals, n.e.c. (12/73=100)1	_	_		_	_		<b>—</b>	_	_	_	_	_
2821	Plastics materials and resins (6/76=100)	_	_	-		_	_	_	_	_	l —	_	_
2822	Synthetic rubber	103.9	103.9	103.6	100.3	101.3	101.0	100.9	101.0	100.0	98.9	99.7	100.
2823	Cellulosic manmade fibers	105.6	100.5	99.3	99.2	99.5	100.3	100.2	100.4	100.0	100.4	100.9	100.
2824	Synthetic organic fibers, noncellulosic	_	_	_	_	_	İ _	_	_	100.0	98.8	98.7	98.
2834	Pharmaceutical preparations (12/71 = 100)	-	_	_	_	_	_	_	_		-	-	
2841	Soap and other detergents (12/71 = 100)	_	_	_	_				_			_	_
2844	Perfumes, cosmetics, and other toilet preparations (12/71 = 100)			[									
2873	Nitrogenous fertilizers (12/75=100)	_	_	_	_	_	_	_	_	_	<b>-</b>	_	-
2874	Phosphatic fertilizers	_	_			_			_	100.0	100.0	91.5	87.
2875	Fertilizers, mixing only	_			_	_		_		100.0	97.5	91.5	95.
2892	Fertilizers, mixing only Explosives	91.8	94.5	97.0	97.0	100.4	100.0	99.7	98.2	100.0	102.2	104.3	106.
2911	Petroleum refining (6/76 = 100)	_	_	_	_	_	_	_	_	_	_	_	-
2951	Paving mixtures and blocks (12/75=100)	_	-	_	-	-	-	_	-			-	-
2952	Asphalt felts and coatings (12/75=100)				_	_	_	_	_	_	_	_	-
3011	Tires and inner tubes (12/73 = 100)	_	_	_	- 1	-	_	_	-	-	_		-
3021	Rubber footwear (12/71 = 100)	-		_	-	-	-	-	_	-	_		-
3031	Reclaimed rubber (12/73 = 100)	_			-		- 1	-	-			_	-
3111	Leather tanning and finishing (12/77 = 100)		_		-	-	_	-	-	_			-
3121	Industrial leather beiting and packing	_		_		_		- 1	_	100.0	109.2	114.0	120.
3141	Shoes, except rubber (12/71 = 100)	_		_			-	_ ¦				_	_
3142					<u> </u>	-	_			-	_	_	_
3143	Men's lootwear, except athletic (12/75 = 100)	-	_	<u> </u>		-		- !	-			-	_
3144	Women's footwear, except athletic			-	-	-	-	-	-	100.0	105.2	110.1	114.
3171	Women's handbags and purses (12/75 = 100)	_	i	İ		_	_		_	_		_	_
3211	Flat glass (12/71 = 100)	!	_			_	_	_ !	_	_	_	_ !	_
3221	Glass containers	100.8	98.1	97.2	95.8	95.5	96.0	96.9	98.8	100.0	107.5	114.8	120.
3241	Cement, hydraulic	98.4	100.3	100.1	99.6	98.4	97.9	98.1	98.4	100.0	102.5	105.6	110.7
3251	Brick and structural clay tile	89.9	91.2	91.7	92.8	93.6	94.5	95.6	98.2	100.0	103.7	108.4	113.2
3253	Ceramic wall and floor lile (12/75 = 100)	_			i								- /-



Table 118. Industry-sector price indexes for the output of selected industries, 1959-82—Continued [1967=100 unless otherwise indicated]

2 SIC ode	Industry	1971	1972	1973	1974	1975	1978	1977	1978	1979	1980	1981	18
	MANUFACTURING INDUSTRIES—Continued												
2512	Wood household furniture, upholstered	İ											
	(12/71 = 100)		101.1	105.8	116.5	124.1	129.5	136.8	143.1	150.0	183.8	174.0	18
2515	Mattresses and bed springs		110.7	114.4	124.8	132.7	138.2	145.8	156.3	185.7	179.1	192.3	20
2521	Wood office furniture		119.8	128.1	147.1	160.1	166.3	178.8	194.4	215.3	235.2	254.2	27
2811	Pulp milis (12/73 = 100)			_	143.2	183.1	186.5	185.3	178.5	200.6	240.0	252.4	2
2821	Papermills, except building papermills	1											İ
	(12/74 = 100)	_		_	_	101.7	106.4	110.7	115.7	130.2	145.5	156.2	1
2831	Paperboard mills (12/74 = 100)		_	_	_	100.5	103.8	104.4	106.4	119.8	139.0	151.7	1
2647	Sanitary paper products	119.2	120.7	124.7	155.2	193.5	212.8	234.4	251.4	277.7	322.0	343.4	3
2652	Set-up paperboard boxes (12/72=100)	_	_	107.8	130.8	140.0	_		_	_	_	_	İ
2854	Sanitary food containers	105.4	107.1	110.2	128.8	148.8	154.3	163.2	170.8	188.7	216.1	244.8	2
2655	Fiber cans, drums, and similar products									}		1	
	(12/75 = 100)	-	_	_	_	_	106.4	114.7	123.6	134.8	150.8	163.0	1
2812	Alkalies and chlorine (12/73=100)	_	_	_	128.5	188.4	198.5	198.9	198.8	208.8	247.5	305.9	3
2819	Inorganic chemicals, n.e.c. (12/73=100)1		_	-	124.8	168.9		<b>-</b>	_	-		<del>-</del>	1
2821	Plastics materials and resins (6/76=100)	_	<b>—</b>	<b>–</b>	_		_	102.3	103.8	121.2	143.0	150.8	1
2822	Synthetic rubber	99.8	100.0	100.8	132.7	150.8	159.3	189.3	180.5	210.3	255.8	293.3	3
2823	Cellulosic manmade fibers		106.2	109.0	129.2	145.8	-		_	_	-	_	
2824	Synthetic organic fibers, noncellulosic		98.0	97.9	100.8	101.5	102.2	106.5	107.6	117.8	132.5	155.8	1
2834	Pharmaceutical preparations (12/71 = 100)		100.5	101.9	108.4	118.9	_	_	<b>–</b>	-		-	1
2841	Soap and other detergents (12/71 = 100)	<b>!</b> —	100.1	103.0	122.3	141.2	-	I —	-	_	_	_	1
2844	Perfumes, cosmetics, and other toilet preparations (12/71 = 100)	_	99.0	98.7	105.8	114.3	_	_	_	_	_	_	
2873	Nitrogenous fertilizers (12/75=100)		_	_	_	-	95.5	97.7	96.8	103.4	124.4	142.8	1
2874	Phosphatic fertilizers	91.8	90.4	96.0	134.7	189.0	156.9	160.1	166.0	193.8	237.3	254.1	2
2875	Fertilizers, mixing only		103.1	114.0	183.6	195.5	177.1	178.8	181.9	203.8	246.9	270.7	2
2892	Explosives	1128	114.8	119.5	146.8	174.4	186.8	200.8	217.3	239.4	269.7	311.9	3
2911	Petroleum refining (8/78 = 100)		117.0	110.0	-	_	_	113.8	119.8	163.8	248.6	294.4	2
2951	Paving mixtures and blocks (12/75=100)		_	_	_	_	101.8	107.4	117.1	134.3	171.4	194.3	1
		1	İ				104.3	111.1	128.2	142.5	173.4	176.9	1
2952	Asphalt felts and coatings (12/75 = 100)	_		_	114.8	128.0	138.9	148.1	154.0	178.4	203.1	215.8	12
3011	Tires and inner tubes (12/73 = 100)	: =	107.0	113.6	128.2	133.0	135.9	148.7	158.7	171.1	177.9	184.4	1
3021	Rubber footwear (12/71 = 100)	-1	107.0	1	1	1 .	140.3	148.5	154.3	170.0	184.7	194.1	12
3031	Reclaimed rubber (12/73 = 100)	-	_	_	115.7	127.0	140.3	140.5	119.1	187.5	148.8	150.7	1
3111	Leather tanning and finishing (12/77 = 100)		-							,07.0	140.0		
3121	Industrial leather beiting and packing	125.6	132.4	145.3	159.0	173.8	-	_	-	_	-		
3141	Shoes, except rubber (12/71 = 100)	·  —	106.4	111.4	119.2	128.0	1005	400.0	100.5	135.8	149.1	_	
3142		. –	i –	-	_	-	103.5		122.5		159.8	189.3	1.
3143	Men's footwear, except athletic (12/75 = 100)	· –				100.0	106.8	115.1	127.1	152.7	213.5	217.1	2
3144	Women's footwear, except athletic	116.9	123.5	125.3	131.7	139.2	148.8	151.9	164.1	194.5		İ	1
3171	Women's handbags and purses (12/75 = 100)	. –	<u> </u>	-	-	-	101.9	102.9	111.4	128.9	137.9	155.5	1
3211	Flat glass (12/71 = 100)		99.3	99.8	105.8	113.7	123.8	132.1	142.7		161.3	175.3	
3221	Glass containers	131.4	135.1	138.9	155.5	179.8	195.4	214.1	244.3		292.6	328.5	
3241	Cement, hydraulic	. 124.4	131.9	137.2	181.9	193.3	212.6	228.5	251.2		310.8	329.6	
3251	Brick and structural clay tile	. 118.6	123.5	131.9	143.9	160.8	178.1	201.8	230.8		277.3	296.5	3
3253	Ceramic wall and floor tile (12/75 = 100)	1	1	1	I	1	105.8	108.0	107.7	117.2	122.5	133.4	1



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Table 118. Industry-sector price indexes for the output of selected industries, 1959-82—Continued [1967=100 unless otherwise indicated]

972 SIC code	Industry	1959	1960	1961	1962		1964	1965	1966	1967	1968	1969	197
	MANUFACTURING INDUSTRIES—Continued												
3255	Clay refractories	94.8	94.8	94.1	93 7	93.8	96.4	97.7	98.5	100.0	107.3	110.7	122.
3259	Structural clay products, n.e.c.		92.7	93.4	94.1	94.6	95.5	96.0	97.4	100.0	101.0	101.9	
3261	Vitreous plumbing fixtures		106.5	104.2	94.5	91.3	92.9	96.5	99.3	100.0	102.9	106.2	1
3262	Vitreous china food utensils	84.8	86.1	86.6	87.1	87.4	90.0	90.5	95.2	100.0	109.1	115.4	•
3263	Fine earthware food utensils		88.7	91.4	92.5	92.5	92.6	92.6	95.9	100.0	104.2	108.5	112.
3269	Pottery products, n.e.c. (12/75 = 100)	_	_	_	_	_	_	_		_	_	_	-
3271	Concrete block and brick	94.0	96.1	95.9	94.7	94.5	95.5	97.2	98.8	100.0	104.2	107.9	113
3273	Ready-mix concrete		96.4	96.7	97.0	96.7	96.1	96.6	98.0	100.0	102.7	107.3	113
3274	Lime (12/75 = 100)		_		_	_	_	-	-	-		-	l
3275	Gypsum products	98.7	98.7	100.6	101.7	102.1	104.8	100.9	99.4	100.0	103.5	103.6	99
3291	Abrasive products (12/71 = 100)	_	_	_		_	_		_	_	_	_	
3297	Nonclay refractories (12/74 = 100)	_		_	_	_	<b>!</b> _	_	_	_	_	l _	! -
3312	Blast furnace and steel mills	97.0	96.8	96.5	96.1	96.3	97.1	97.6	98.9	100.0	102.3	107.0	114
3313	Electrometallurgical products (12/75=100)		_	_	_	_	_	••	_	_	_	_	
3315	Steel wire drawing, etc	-	_	_	-	_	_	_	_	100.0	101.6	106.5	112
3316	Cold finishing of steel shapes		_	_	_	_	_	_	_	100.0	104.1	109.4	116
3317	Steel pipe and tube	_	_	l —	<b> </b>	_	_		<b>—</b>	100.0	102.0	106.1	111
3321	Gray iron foundries (12/68=100)	_	_	_	_	_	<b>!</b> _	_	_	_		101.3	107
3222	Malleable iron foundries (12/73=100)	_	_		_	_	_	_	_	_		_	
3333	Primary zinc		_	_	-	<b> </b>	_		_	100 0	97.7	105.7	112
3334	Primary aluminum		_	_	_	_	_	_	_	100.0	102.6	105.7	112.
3339	Primary nonferrous metals, n.e.c.	_	_	_	_		_	_		100.0	114.5	117.3	135
3341	Secondary nonferrous metals (12/71 = 100)	_	_		l —	_	_	_	_	_	_	_	
3351	Copper rolling and drawing		81.5	76.8	75.8	75.0	79.8	88.9	98.5	100.0	107.0	118.6	130
3352	Aluminum rolling and drawing (12/68 = 100)	_	_	_	_	_	_	_	_	_	_	104.6	108
3353	Aluminum sheet, plate, and foil (12/75=100)	_		_	_	_	_	_	_		_	_	
3354	Aluminum extraded products (12/75=100)	_	_	-	_		_	-	_	_	_	_	
3355	Aluminum rolling and drawing, n.e.c. (12/75=100)	_	_	_		_	_	_	_	_	_	-	
3356	Rolling, drawing, and extruding of metals, except copper and aluminum (12/71 = 100)	_										<u> </u>	
3411	Metal cans	_	_	_	_	_	_		_	100.0	103.7	106.8	112
3423	Hand and edge tools (12/67 = 100)	_	_	_	_		_	_	_	_	102.7	108.1	115
3425		_	_	_		_		_		_		100.1	
3431	Metal plumbing fixtures	109.2	112.4	112.2	106.2	101.7	99.8	98.3	99.1	100.0	101.7	106.3	107
3452					100.2	,51.7							'''.
3465	Automotive stamping (12/75 = 100)	-	_	_	_	_	_	-	_	_	_	_	-
3482	Small arms ammunition (12/75=100)	_	_	_	_	_	_	_		_	_	_	-
3491	Metal barrels, drums, and pails (12/73 = 100)	_		_					_		_	_	i -
3493	Steel springs, except wire	_					_ :	!	_	100.0	102.3	106.1	108.
3494	Valves and pipe fittings (12/71 = 100)	_					_	_ 1		_			-
3496	Collapsible tubes		102.2	100.6	100.9	100.8	101.3	99.5	99.1	100.0	105.4	108.7	113.



Table 118. industry-sector price indexes for the output of selected industries, 1959-82—Continued [1967 = 100 unless otherwise indicated]

972 SIC Code	Industry	1971	1972	1973	1974	1975	1978	1977	1978	1979	1980	1981	1982
	MANUFACTURING INDUSTRIES—Continued				_								
3255	Clay refractories	128.7	130.7	138.8	145.3	168.8	188.3	203.4	221.4	242.1	273.8	310.2	352.
3259	Structural clay products, n.e.c	109.1	110.2	112.4	130.0	148.8	155.3	185.3	178.3	189.2	202.7	222.8	219.
3261	Vitreous plumbing fixtures	112.4	115.8	121.0	134.9	147.1	159.3	174.2	189.7	207.4	234.8	254.9	285.0
3262	Vitreous china food utensils		138.5	146.9	170.8	197.1	213.1	233.3	268.8	295.2	317.3	335.0	357.
3263	Fine earthware food utensils	125.5	139.4	143.2	155.6	189.4	195.9	209.5	228.1	245.0	295.5	309.1	318.
3269	Pottery products, n.e.c. (12/75 = 100)	_	_	_	_	_	101.0	109.3	122.2	132.5	152.6	160.2	187.
3271	Concrete block and brick	118.3	123.8	135.1	151.3	166.;	172.1	183.9	202.0	233.0	257.3	270.4	276.
3273	Ready-mix concrete	122.4	127.5	133.0	152.8	171.3	183.2	195.8	217.6	248.2	279.9	298.7	304.
3274	Lime (12/75 = 100)	_	_	l –	_	_	111.4	117.8	129.5	141.0	157.7	172.5	188.
3275	Gypsum products	109.5	114.7	120.9	137.7	144.4	154.8	183.9	229.5	252.8	256.7	256.9	256.
3291	Abrasive products (12/71 = 100)	_	102.1	104.7	120.1	138.8	149.4	182.1	172.3	187.9	212.8	232.9	250.
3297	Nonclay refractories (12/74 = 100)	_	_	_	<b>1</b> –	102.4	113.5	123.4	133.6	145.8	161.2	185.3	201.
3312		123.3	130.7	134.3	173.2	204.5	218.9	236.9	262.3	288.8	310.5	342.8	353.
3313	Electrometallurgical products (12/75 = 100)	_	-	_	_	-	98.4	95.6	94.8	111.9	117.7	121.9	121.
3315	Steel wire drawing, etc	120.4	128.0	135.7	182.7	212.1	-	-	_	-	_	-	-
3318	Cold finishing of steel shapes	124.1	130.3	132.3	182.4	183.6	198.2	220.8	241.0	285.5	284.0	318.2	325.
3317	Steel pipe and tube	121.9	129.2	134.5	171.9	203.7	213.9	232.1	255.2	268.6	291.0	341:5	363.
3321	Gray iron foundries (12/68 = 100)	115.8	117.9	125.9	154.1	183.9	211.8	218.9	233.5	255.8	282.5	299.7	311.
3322	Maileable iron foundries (12/73 = 100)	-	_	-	118.8	135.3	-		-	_	_	_	-
3333	Primary zinc		124.0	150.1	253.9	261.8	256.5	240.2	223.2	265.7	270.5	326.3	286.
3334	Primary aluminum	101.4	96.8	101.3	150.9	160.0	176.0	205.1	217.4	243.1	297.9	333.1	310.
3339	Primary nonferrous metals, n.e.c	112.1	120.9	164.4	278.0	277.0	-	-	-	_	-	-	-
3341	Secondary nonferrous metals (12/71 = 100)	_	102.6	126.5	196.5	172.1		-	-	<b>–</b>	<b>—</b>	i —	-
3351	Copper rolling and drawing		124.5	141.0	81.8	152.1	164.8	164.8	170.2	213.2	227.5	212.3	195.
3352	Aluminum rolling and drawing (12/68=100)		108.7	109.2	143.2	180.2	-	-	_	_	-	_	-
3353	Aluminum sheet, plate and foil (12/75=100)	_	_	_	_	_	108.9	122.4	137.6	148.9	158.2	175.8	178.
3354	Aluminum extruded products (12/75=100)		İ —	-	-		106.6	121.2	134.3	149.3	187.7	180.1	178.
3355	1	_	<b>—</b>	_	_	l	104.4	112.7	119.7	132.4	146.2	159.1	164.
3356			1	;					į	1	ł	i	1
	copper and aluminum (12/71 = 100)	l –	102.3	110.0	139.8	187.3	_	-	-	-	_	-	-
3411	Metal cans	122.0	129.1	135.8	165.8	194.0	202.3	218.7	238.5	264.1	291.6	305.1	316.
3423		121.1	128.5	131.8	151.4	178.9	-	-	-	_	_		-
3425	Hand saws and saw blades (12/72 = 100)		!	100.9	110.7	126.1	130.8	137.7	147.9	183.3	182.1	201.4	219.
3431	Metal plumbing fixtures	114.2	119.0	125.2	149.8	174.7	185.2	196.1	209.1	224.8	248.3	285.5	278.
3452	Bol.s. nuts, rivets, and washers (12/73 = 100)	-	_	-	120.7	140.2	-	-	-	-			-
	Automotive stamping (12/75=100)	-	-	-	-	-	104.3	110.0	118.8	128.5	138.9	148.0	145.
3482	Small arms ammunition (12/75=100)	_	_	_	_	_	102.3	110.8	119.5	132.2	145.8	159.0	164.
3493	Steel springs, except wire	111.8	118.8	121.5	136.0	158.9	176.3	189.3	204.6	219.8	230.3	245.9	254.
3494	Valves and pipe fittings (12/71 = 100)		1007	104.9				172.8	185.5	204.8	230.0	248.9	260.
2496	Collapsible tubes.	1119.2	1218	127.0	145.2	157.1		I -	<b>—</b>	-	<b>—</b>	_	-



Table 118. Industry-sector price indexes for the output of selected industries, 1959–82—Continued [1967 = 100 unless otherwise indicated]

972 SIC Code	Industry	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	MANUFACTURING INDUSTRIES—Continued												
3498	Fabricated pipe and fittings	90.7		000	000	00.0	80.4	0.0	05.7	400.0	107.4	1150	400 7
3519	Internal combustion engines, n.e.c.		90.6	88.8	88.3	88.8	89.1	91.9	95.7	100.0	107.4	115.2	120.7
3531	Construction machinery (12/76=100)				_	_		_	_	100.0	103.5	100.0	112.7
3532	Mining machinery and equipment (12/72 = 100)	_	_	_	_	_	_	_	_	_	_	i -	_
3533	Oilfield machinery and equipment	92.3	92.5	94.1	95.2	94.3	95.0	95.0	96.6	100.0	106.3	112.4	119.0
3534	Elevators and moving stairways	_		_	_	_	_	_	_	100.0	102.3	105.8	116.0
3535	Conveyors and conveying equipment (12/71 = 100)		_	_	_	_	<b> </b> _	_	_	_	_	_	_
3536	Hoist industrial cranes, and monorali systems (12/74=100)		_	_	<b> </b> _	_			_	_	_	_	_
3537	Industrial trucks and tractors	86.3	88.7	91.2	93.6	93.7	94.5	95.1	97.7	100.0	104.9	110.9	115.8
3541	Metal cutting machine tools (12/71 = 100)	_	-	_	-	-	_	-	-	-	-	_	-
3542 3545	Metal forming machine tools (12/71 = 100)	_	-		_	-	_	-	-	_	-	-	-
	(12/74 = 100)	_	_	_	-	l –	_	_	_	_	_	_	
3546	Power-driven handtools (12/76=100)	_	_	_	_	_	_	<b> </b>	_	_	_	_	۱ –
3552	Textile machinery (12/69 == 100)	-	-		_	_	-	-	_	-	_	-	102.8
3553	Woodworking machinery (12/72=100)	_	-	_	-	1 -	-	-	_	-	-	-	-
3555	Printing trades machinery and equipment (12/72=100)	_	_	_	_	_	_	_	_	_	_	_	_
3562	Ball and roller bearings		_	_	_	_	_	-	_	100.0	101.5	103.4	109.2
3572	Typewriters	_	-	_	l –	_	-	_	-	100.0	100.5	101.2	103.3
3576	Scales and balances, except laboratory	86.8	89.4	89.7	90.9	91.5	92.0	92.7	95.7	100.0	103.4	109.1	113.0
3592	Carburetors, pistons, piston rings, and valves (6/76 = 100)		_		_	_	_	_	_	_	_	_	_
3612	Transformers	i				}			<b></b>	4000	400.0	004	400.4
3613	Switchgear and switchboards.		_	_	_		_	=		100.0	103.2	98.1	100.1 109.6
3623	Electric welding apparatus (12/72=100)		_	_	_	_	_	_	_			100.0	100.0
3624	Carbon and graphite products (12/67=100)	_	l —		_	l –	_	_	_		100.8	102.9	107.7
3631	Household cooking equipment (12/75=100)	-	_	_	_	_	i –	-	-	-	_	_	_
3632	Household refrigeration and home and farm freezers (8/76 = 100)	_	_	_	_	_	_	_	_	_	_	_	_
3633	Household laundry equipment (12/73=100)		_	_	-	_	_	_	_	_	<b>–</b>	_	_
3634	Electric housewares and fans (12/71 = 100)		<b>–</b>	_	_	-		-	-	_	-	-	-
3635 3636	Household vacuum cleaners		_	_	_	<b>–</b>	_	_	-	100.0	101.0	99.6	100.0
	Sewing machines (12/75 = 100)		-	_	_	_	_	_	_	_	-	-	-
3641	Electric lamps		_	_	_	-	_	_	_	100.0	104.0	100.6	104.6
3642 3644	Lighting fixtures (12/71=100) Noncurrent-carrying wiring devices (12/72=100)	_	_		_	_	-	_	_	_	-	_	_
3646	Commercial lighting fixtures (12/75=100)		_	_					_		_	_	
3648	Lighting equipment, n.e.c. (12/75=100)			_	_	_	_	_	_	_	_	_	_
3652	Phonograph records		94.6	94.8	95.1	93.8	92.6	94.9	95.1	100.0	104.0	106.6	107.4
3671	Electron tubes, receiving type		54.0	54.0	95.1	93.0	92.0	54.5	- 55.1	100.0	104.9	116.7	125.6
3672	Cathode ray picture tubes		_	-	_		_	_	_	100.0	92.3	88.0	81.6
3673	Electron tubes, transmitting	_		_	_	<b>–</b>	_	_	_	100.0	101.0	102.2	104.2
3674	Semiconductors and related devices					-	_	_		100.0	96.5	96.6	95.7
3675	Electronic capacitors (12/75 = 100)	_	i —		_	-	_	_	_	_		_	_
3676	Electronic resistors (12/75=100)			_		_	-	_	_	-		_	l –
3678 3692	Electronic connectors (12/75 = 100)	-	-		-	05.7	-	-	-		400.4	400.0	405.0
3693	Primary batteries, dry and wet	90.9	91.0	89.7	86.8	85.7	86.2	86.7	88.2	100.0	100.1	103.3	105.3
3711	(12/67 = 100) Motor vehicles and passenger car bodies		_	_		_		_	_	_	105.3	113.1	120.7 
3717	(12/75=100)	_	_	_	_	_	_		_	100.0	103.4	105.6	110.0
3825	Electric measuring instruments and test equip-		-	_	_	_	_	_	_	100.0	103.4	0.601	110.0
	ment (12/71 = 100)			_			_				_	_	_
3861	Photographic equipment (12/71 = 100)	_	_	_	_	_	-		<b>–</b> 1	_	_	-	-
3942	Dolls (12/75 = 100)	-	-		-	_		-	_	-		-	-
3944	Games, toys, and children's vehicles, except dolls and bicycles		_		_	_		_	_	100.0	103.4	105.2	110.0
3955	Carbon paper and inked ribbons (12/75 = 100)	_	_		_ :			_	_	-	_		_
3995	Bunal caskets (6/76 = 100)	-	-	-	-	_	_			-	-	-	-
<b>3996</b> :	Hard surface floor coverings (12/75 = 100)	<u> </u>	!	_	_						1 -	1	



Table 118. industry-sector price indexes for the output of selected industries, 1959-82—Continued [1967=100 unless otherwise indicated]

72 SIC Code	Industry	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	198
	MANUFACTURING INDUSTRIES—Continued												! !
3498	Fabricated pipe and fittings	133.1	138.7	143.5	181.6	222.9	238.5	245.2	285.5	289.2	315.5	361.3	,
3519	Internal combustion engines, n.e.c	117.9	121.2	124.0	140.8	167.4	182.1	197.0	220.1	243.3	275.4	311.9	340
3531	Construction machinery (12/78=100)	. — I	_	_	_	_		104.5	114.0	125.1	141.1	156.8	165
3533	Oilfield machinery and equipment	123.5	128.1	133.4	159.8	200.5	222.1	240.5	264.2	291.6	338.1	395.8	436
3534	Elevators and moving stairways	121.2	122.1	123.5	141.0	169.8	_	191.0	204.2	215.9	239.3	253.9	273
3535	Conveyors and conveying equipment		101.7	104.3	117.2	132.8	_	_	_	_	_	_	 
0500	(12/71=100)	_	101.7	104.3	117.2	132.0	_						ł
3538	(12/74 = 100)	_	_	_		109.4	-	-	-	-	-	-	
3537	Industrial trucks and tractors	120.5	123.7	128.0	144.4	189.6	-	j -		i —	-		1
3541	Metal cutting machine tools (12/71 = 100)	<b>–</b>	102.0	108.5	128.4	148.4	-	-	_	-	-	_	
3542	Metal forming machine tools (12/71 = 100)	_	101.7	108.5	131.4	156.8	173.8	189.8	213.8	242.8	279.5	306.9	32
3545	Machine tool accessories and measuring devices (12/74=100)	i .	_	_	_	102.9	_	_	_	_	_	_	
3548	Power-driven handtools (12/76=100)		l —	i –	l —	! —	_	104.2	111.1	119.3	132.2	147.3	15
3552	Textile machinery (12/89 = 100)	108.9	111.5	116.0	129.2	148.4	157.3	169.3	179.9	194.7	216.6	243.5	25
3553	Woodworking machinery (12/72 = 100)		-	101.9	114.9	133.3	145.4	155.7	168.1	185.4	212.5	225.0	23
3555	Printing trades machinery and equipment (12/72 = 100)	_	_	103.8	115.2	129.2	_	_	_	_	_	_	
3562	Ball and roller bearings	114.2	117.0	120.8	139.3	182.2	_	_	-	_	-	-	1
3572	Typewriters		104.5	106.3	112.8	121.5		<b>–</b>	-	-	-	-	1
3576	Scales and balances, except laboratory	115.2	118.1	121.7	135.2	151.4	159.5	167.7	179.7	194.2	215.0	226.2	23
3592	Carburetors, pistons, piston rings, and valves	1	1	1	1			1	Ì	1	1		_
3082	(8/78 = 100)	-	_	_	-	-	-	110.1	128.2	139.8	156.6	178.0	18
3812	Transformers	96.8	95.1	98.5	117.7	138.0	142.2	150.2	158.3	168.1	185.0	209.9	22
3813	Switchgear and switchboards		111.7	114.1	135.3	159.8	-		<del>_</del>			007.5	100
3623	Electric welding apparatus (12/72=100)	. –	-	103.6	134.9	168.1	160.8	189.1	178.1	192.2	209.9	227.5	23
3824	Carbon and graphite products (12/67=100)	. 113.3	113.9	119.4	143.3	188.5		-	1		100.4	1440	14
<b>3€</b> 31	Household cooking equipment (12/75=100)	- ∤	-	-	-	-	103.9	109.9	114.8	122.2	133.1	141 2	'*
3632	Household refrigeration (8/78=100)		l –	_	_	-	-	104.3	109.6		121.4	132.8	14
3633	Household laundry equipment (12/73=100)		_	-	106.2	119.7	129.8	135.1	141.0	148.8	162.0	174.3	18
3634	Electric housewares and fans (12/71 = 100)	. –	99.8	100.1	107.8	116.7					1.54	150	16
3635	Household vacuum cleaners	. 100.3	101.7	100.6	107.8	118.2		128.7	135.5	141.7	154.4	159.1	1
3638	Sewing machines (12/75=100)	- ⊦	-	-	-	-	100.1	102.8	111.2	121.4	129.1	146.8	15
3641	Electric lamps	. 113.7	117.2	120.2	134.0	185.5		193.6	214.7	235.2	260.3	277.3	29
3642	Lighting fixtures (12/71 = 100)	. –	101.8	103.8	121.1	134.5		1.00 =	105.0	004.5	240-	240.0	26
3644	Noncurrent-carrying wiring devices (12/72 = 100)		-	103.0	134.8	160.2		166.0	185.8		2	249.6	
3648	Commercial lighting fixtures (12/75 = 100)			i –	-	-	102.2		112.7			154.8	1 -
3648			1 -	! —	!		101.8	107.8	114.6	120.0	139 9	100.9	<u> </u>



Table 118. Industry-sector price indexes for the output of selected industries, 1959-82—Continued [1987=100 unless otherwise indicated]

972 SIC Code	Industry	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
	MANUFACTURING INDUSTRIES—Continued												
3652	Phonograph records	1122	112.2	115.2	121.3	132.5	i	Ì				İ	
3671	Electron tubes, receiving type	132.2	142.0		149.4	162.1	171.1	181.2	2000	200.4	0540		
3672	Cathode ray picture tubes	80.7	83.6	84.2	66.2	88.5	771.1	101.2	200.9	220.4	251.8	309.7	382.1
3673	Electron tubes, transmitting	1117	113.4	115.6	121.6	132.0	_						
3674	Semiconductors and related devices	93.6	91.8	92.4	99.4	102.0	96.7	91.0	85.3	84.8	90.7	90.9	89.2
3675	Electronic capacitors (12/75=100)	_	_				101.0	106.7	444.5	4050	4007	470.0	400
3676	Electronic resistors (12/75=100)			i –		_	101.8	110.6	111.5	125.2	162.7	170.3	166.4
3678	Electronic connectors (12/75=100)	_	_	1 _		1 -	1	108.9	118.3	124.4	134.2	141.4	145.0
3692	Primary batteries, dry and wet	118 0	123.2	123.9	128.6	151.3	101.6	1	118.9	131.7	148.1	154.9	
3693	X-ray equipment, apparatus, and tubes	110.5	123.2	123.8	120.0	151.3	158.5	161.2	162.0	170.1	176.5	182.2	194.0
	(12/67 = 100)	128.3	132.4	129.8	143.5	167.6	_	_	_	_	_	_	_
3711	Motor vehicles and passenger car bodies (12/75=100)												
3717	Motor vehicles and parts	116.5	119.8	1010	400.4	4505	101.8	108.4	115.9	125.1	136.7	150.3	158.3
3825	Electric measuring instruments and test equip-			121.2	133.1	152.7	_		_	_	_	_	-
3861	ment (12/71 = 100)	_	100.5	100.7	108.2	121.4	_	<b> </b>	_	_	_	-	_
	Photographic equipment (12/71 = 100)	_	100.3	102.2	110.7	124.4	_	-	_	_	_	-	i –
3942	Dolls (12/75 = 100)	_	-	_	-	_	96.0	99.3	103.2	110.8	127.4	131.3	136.7
3944	Games, toys, and children's vehicles, except dolls and bicycles	112.6	115.4	118.4	137.1	4500	450.0	101.0					
3955	Carbon paper and inked ribbons (12/75=100)	-12.0	1 15.4	110.4	137.1	152.3	156.2	161.2		182.7	205.2		234.0
3995	Burial caskets (6/76=100)			_	_	_	100.4	102.5	105.1	118.6	132.8		140.0
3996	Hard surface floor coverings (12/75=100)			_	_	_	104.3	105.4 110.1	113.0 116.3	122.5 126.3	131.2 143.7	139.5 151.8	148.4 155.9

<sup>&</sup>lt;sup>1</sup>This industry has been reclassified and reweighted since the basis of pricing has been changed from list quotations to transaction prices reported directly by chemical companies.

NOTE: For a description of the series, see *BLS Handbook of Methods*Bulletin 1910, ch. 15. See also, "Industry and Sector Price Indexes," *Monthly Labor Review*, August 1965, pp. 974–82.

The following shows 1	963 SIC Codes recoded to 1972 SIC Codes:	1963 Codes	1972 Codes
1963 Codes	1972 Codes	2031	20⊎1
2015	2016	2036	2092
2073	2067	2871	2874
2091	2074	2872	2875
2092	2075	31414	3144
2094	2077	3611	3825
209 <del>6</del>	2079	3941	3944



Table 119. U.S. import price indexes, 1 1975-82

[June 1977 = 100 unless otherwise specified]

74	Category		197	ים די יד			19	7			19i	1	· ·
TC	Category	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	De
•	All commodities (9/82=100)			_ !	_				_	_	_ !	_ !	1
	All commodities, ex chemicals (9/81 = 100) 3	_	-	_	<b></b> !	[	-			<b>-</b>	; -;	_ !	!
0	Food (9/77 = 100)			_	_ i	_ !	_	_		_	_	100.0	96
01	Meat 4	_	_	i — i	<u> </u>	_ :	-	-	_	-	100.0	99.7	105
011 .	Meat and edible meat offals, fresh, chilled, or frozen						:			!		100.0	10€
۱	(9/77=100) <sup>4</sup>			_	_ i	[	_	_	_	110.8	100.0	'	103
111	Meat of bovine animals, cif	_	_	_	_	_				1 10.0		07.,	}
014	Meat and edible meat offals, prepared or preserved,									1			1
	n.e.s.; fish extracts 4	_	-	_	-	-	_	_	_	_	100.0	102.9 103.2	10
03	Other prepared or preserved meat, cif		_	_		_	_		_		100.0	99.7	9
)34	Fish, fresh, chilled or frozen (12/77=100), cif		_		_		-	_	_	-	-		10
36	Shellfish, fresh, chilled, frozen, salted, or dried, cif	-	-		-		_		_	100.7	100.0	96.6	9
37	Fish in airtight containers (9/77 = 100), cif		! -	_	_	_	_		_		<u>-</u>	100.0	9
71 172	Fish prepared or preserved n.e.s. (9/77=100)  Crustaceans and molluscs, prepared or preserved,	-	-	-	_	_	— 					1	-
,,,	n.e.s. (9/77=100), cif	_	_	_	_	_	_	_	_	-	-	100.0	9
Λ4	Grain and grain preparations (9/77=100)	1 _		! _	_ [	_	_	_	_	_		100.0	10
04	•	1					70.0	000	00.0		100.0	101.9	٤
05	Fruits and vegetables 4	-	-	-	ı —	_	79.3	86.6	88.2	114.6	100.0	101.8	۱
56	n.e.sn.e.s.	_		_	_	_	_	_	_	_	100.0	101.2	10
57	Fruit and nuts (not including oil nuts), fresh or dried 4	-			_	_	67.9	73.1	74.8	99.5	100.0	102.1	10
77	Edible nuts, fob fp	-	-	-	-	-	-	-	-	-	100.0	98.1	10
)58	Fruit, preserved, and fruit proparations 4		_	_	i		_	=		1 =	100.0	100.1	10
689 06	Fruit, temporarily preserved, fob fp		_		_	_	_	_	_	-	_	_	
07	Coffee, tea, cocoa 4	]	104 8	150.3	152.2	45.7	55.8	61.2	85.3	96.9	100.0	85.8	1
71	Coffee and coffee substitutes 4	. —	103.0	1-57.7	149.5	45.0	54.8	60.3	84.9	97.4	100.0	79.5 79.5	1
711	Coffee, cif					=	58.5	59.7	58.6	99.0	100.0	88.8	
)74 741	Tea and mate 4	] _	=	_	_	_		_	_	_	_	100.0	1
71	All other food items (9/77=100) 4	] _	-	-	_	-	_	-	-			100.0	•
024	Cheese and curd, tob tp	. –	-	-	-	-	85.4	94.5	98.3	99.6	190.0	100.3	10
1	Beverages and tobacco 4		_	_	_	_	l –	_	-	-	100.0	101.3	11
11	Beverages 1	.! —	-	-	-	-	-	i –	-	-	100.0	101.3	11
112	Alcoholic beverages 4	.i —	-	-	-	100.4	-	-	98.7	98.7	100.0	101.3	10
121	Wine of fresh grapes, cif	=	-		_	100.1	99.8	99.2	90.7	30.7	100.0	104.5	'
123 124	Beer (9/81 = 100), cif	1 =	_	100.2	1010	102.5	100.5	99.1	97.2	99.6	100.0	100.2	10
		1			_		_	_	_	_	_	_	
3 333	Fuels and related products (6/82=100) 4	_	_			91.6	91.9	92.5	94.0	99.7	100.0	102.5	10
341	Gas, natural and manufactured:	1										1	
414	Natural gas and LNG (9/81 = 100) 3	. –	-	-	-	-	-	-	-	-	-	-	
5	- Chemicals (9/82 = 100)		_	-	_	_	-	_	-	-	_	-	
-	Intermediate manufactured products (12/77 = 100) 4	I	_	_	_	_		_	_	1 _		_	1
6 61	Leather and furskins 4	1 =	=	_	_	_	-	_	i –	-	100.0	100.2	
611		. –	-		-	-	-				100.0	99.7	
62	Rubber manufactures, n.e.s.4	. 88.7	1	891	89.3	92.0	93.1	96.0		1		101.0	- 1
<b>62</b> 5	Rubber tires and tubes, cif		-	-	-	89.4	93.9	95.7 95.1	96.6 96.2		100.0	1	
63	Cork and wood manufactures 4		79.6	78.8	78.6	85.1	88.6	95.0	95.7	1	1	102.1	
634 635	Wood manufactures, n.e.s.4		1	-	-	_	_	_	_	-	100.0	102.1	- 1
259	Wood manufactures, n.e.s., Cif		!	83.2	100.0	92.5	92 1	96.5	98.1	99.6		103.3	
64	Paper and paperboard products 1	.;	-	i –	-	-	! -	-	-	-	100.0	1	,
641	Paper and paperboard 4		86 1	86.1	86.6	90.6	93.3	94.5	98.9	100.0	100.0		
411 65	Newsprint, cif	05.0 —	. 60	80.1	00.0	30.0	00.0	-	_	99.5	100.0	101.6	1
652	Woven cotton fabric, cif <sup>5</sup>	::!  _		i _	! _	! -	! -	-	100.7	98.9	100.0	100.1	1
65 <b>3</b>	Woven man-made fabric (9/78 = 100), cif 5	—	; -	· –	: -	1 -	-	i –	! -	-	1,000	1007	 
654	Misc. woven fabric, cif	; —	-	. –	<u> </u>	; -	: -	į –	-	99.3	100.0	102.7	; 1
657	Special textile fabrics and related products (9/77 - 100), cif	: _	-				! _	i –	: _	.   _	, <b>:</b>	100.0	. 1
658	(9/77 - 100), cif	, –		. –			i	1	i				į
ODB	(9/78 100), cif s	.: <b>-</b>	, –		; -	; -	i -	<u> </u>	! -	-	<del>-</del>	: -	٠;
				•	!	;	:	:	i	•		÷	:
66	Non-metallic mineral manufactures, n e.s					:	: _	!	: _		. 100.0	101 4	1
665	Glassware 4		_		; —	. —	. –				1000		



Table 119. U.S. import price indexes, 1 1975-82-Continued

[June 1977 ... 100 unless otherwise specified]

1974	Category		19	75 2			_ 19	976		· 4.	. 19	977	
SITC	Oamgory	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
666	! . Pottery (5./77 = 100), fob fp		_	_							!	. 100.0	106 3
667	Precious, semi-precious stones and pearls:	-	-	-	_	-	-	-	-	_		100.0	100.3
6672	Diamonds, cut and polished (6/82 = 100), cif	. –	-	-	-	_	_	_	i –	! _	: <u> </u>	!	;
67	Iron and steel (9/78 = 100) 4	.  —	-	-	-	-	-	-	i —	! —	; –	-	· -
671	Pig iron, spiegeleisen, sponge iron iron or steel pow- ders and shot, and pro-alloys (9/78 = 100), cif	1		Ĺ	ļ			ŀ			!	1	1
672	Ingots and other primary forms of iron or steel	1 -	-	_	_	-	<u> </u>	_	-	; –	i -	į	-
	(3/81 = 100), cif		_	_	i –	_	_	·	<u> </u>	_	_	_	_
673	Iron and steel bars, rods, angles, shapes and sec- tions 4	_	_	_	_	_	l _	_	_	99.6	100.0	102.4	105.8
6731	V/ire rod of iron or steel, cif	. –	_		_	_	101.1	96.4	102.€	100.8	100.0	99.5	
67311	Wire rod of other than high carbon or alloy steel,	128.8	108.7	103.5	96.5	96.2	99.6	104.0	104.9	101.5	100.0	99.0	98.3
6733	Angles, shapes and sections and sheet piling, of iron and steel (9/78 = 100), cif	!	_	_	_	_	_	_	_		_	_	_
674	Universals, plates and sheets, cif 4	111.6	98.5	93.9	89.4	90.0	92.8	96.7	35.9	98.1	100.0	101.2	103.2
6747	Tinned sheets and plates (8/79 = 100), cif	-	-	-	<b>–</b>	-	-	-	-	-	<del> </del>	-	-
675	Hoop and strip, hot-rolled or cold-rolled (12/78 = 100), cif					ŀ	l				İ		-
1		-	-	-	_	_	_	-	-	i –	-	-	-
677 678	Iron or steel wire, not insulated, cif	108.5	103.5	101.3	98.9	99.4	100.5	99.8	100.3	100.9	100.0	101.3	103.3
68	Non-ferrous metals (12/81 = 100) 4	i	_	_					.				
681	Silver, platinum and other metals of the platinum group (3/82 = 100), cif	}		_		_	_	_	_	_	-	_	-
682	Copper 4	_		_	_			_		101.1	100.0	88.1	88.1
6822	Copper and copper alloys, worked (6/78 = 100), cif	_	_	-	_	l –	_		-	_	_	_	_
686	Zinc 4		-	<b>-</b>	_	_	_	_	<b>—</b>	i –	100.0	94.0	86.7
6861 687	Zinc and zinc alloys, unwrought, cif Tin (12/77=100), cif	=	_	_	-	_	_	_	_	104.7	100.0	94.0	86.7
69	Metal manufactures, n.e.s.4				_		_	_	_	-	100.0	101.1	100.0
693	Wire products and fencing grills (9/78 = 100) 4		_	_	_	_	_		_	_	_	· —	-
6931	Stranded wire, cables, ropes, etc. of iron, steel, copper or aluminum (6/80 = 100), cif	_	_	_	;	_	_	_	_	_	_	_	_
694	Metal fasteners, cif 4	115.9	104.1	102.3	96.4	96.0	95.6	98.3	100.4	101.3	100.0		99.4
69402	Nuts, bolts, screws, washers, etc., cif		105.1	103.6	97.4	97.5	95.1	97.2	99.9	101.0	100.0	99.6	100.1
695 3953	Tools for use in hand or machines 4	105.2	103.4	100.9	93.4	93.5	93.9	95.3	96.5	99.2 99.0	100.0	100.8	103.9
6954	Interchangeable tools for hand tools or machine tools (6/80 = 100), cif		103.4	100.8	93.4	83.5	83.8	95.3	<b>50.</b> 3	99.0	100.0	100.5	104.6
696	Cutlery, fob fp	88.7	88.1	87.3	88.4	88.7	89.5	93.5	93.2	97.0	100.0	101.3	1024
697	Household equipment of base metal, n.e.s., fob fp	_	_	_	_		-		_		100.0		
699 6991	Manufactures of base metal, n.e.s. (12/80 = 100) 4 Locksmith's wares and hardware, n.e.s., of base	_	-	_	-		-	-	_	_	-	_	_
6997	metal, cif Articles of iron or steel, n.e.s., cif	_	101.3	95.9	97.0	94.7	92.0	94.8	99.1	— 102.0	100.0 100.0	l .	105.9 104.7
7	Machinery and transport equipment (6/81 = 100) 4		_	_	_	_	_	_	_		_	_	_
716 : 72 :	Electric motors, generators, and other rotating plant  Machinery specialized for particular industries	111.8	110.4	96.4	94.9	95.9	99.2	100.2	97.8	98.8	100.0	99.4	100.9
300	(9/78 = 100) 4	-	_ !	-	-	-		-	-	_	_	_	-
<b>723</b> ,	Civil engineering and contractors' plant and equip- ment and parts (9/81 = 100), cif			Ì	I								
724 :	Textile and leather machinery and parts 4	_		=1	_			=		_	100.0	102.3	104.9
724	Textile machinery and parts (3/80 = 100), fob fp 3	_	_	_	_		_	_	-	_	_	_	_
7243 · 7244 .	Sewing machines, fob fp	-	-	-	-	93.5	95.5	96.3	96.9	98.1	100.0	101.7	105.7
7045	(3/80 = 100), fob fp	-	-	-!	-	-	-	-	-	-	-	_	-
7245 7246	Weaving, knitting etc. machines (3/80 = 100), fob fp Auxiliary machines and parts for 724.5 (3/80 = 100),	-	_	-	-	-		-	-	-	_		-
7247	fob fp	_	-	-	-	-	-				-	-	-
728	Machinery specialized for particular industries, n.e.s. (6/81 = 100), fob fp	_		-	_	-	_	_	_	_	_		_
<b>70</b>		_	-	-	_	_	-	- i	_	-	_	_	-
73	Metalworking machinery (3/80 = 100) 4	_	-	-	-	-	-	-	-	-	-	-	_
736		_		_	_	_	_		_	_	100.0	101.3	103.9
736 736	Metalworking machine-tools, fob fp 3				1		- 1	- 1	1	i	1	• !	. 55.6
	Metalworking machine-tools, fob fp 3 Parts. n.e.s. of metalworking machine tools (12/79 - 100), fob fp 3	_	_	_	_ ]	_ [	_	_!	. <u></u>	!	!	_	! <u> </u>
736	Parts. n.e s. of metalworking machine tools (12/79 - 100), fob fp 3	-	-	-	-	-	-	-	-		-	-	_



[June 1977 = 100 unless otherwise specified]

1974	<u>-</u> .		197	'5 ²			19	76			19	77	
SITC	Category	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec	Mar.	June	Sept.	Dej.
7416	Machinery that treats materials by a process involv	:			I	!	1			:		-	
710	ing a change of temperature (6/80 100), fob fp				·	. —	· _						_
742	Pumps for liquids and parts, n e s (6/80 100), cif		•			·		- '			-	-	_
743	Pumps, compressors, fans, blowers, centrifuges, and					!							
:	filtering apparatus and parts n.e.s. (3/80 100), fob						!						
	fp	_			·	<u> </u>	_	: <del>-</del> :			-	-	
743	Air pumps, vacuum pumps, air or gas compressors	:		;			1	, ;				.,	ı
7404	and parts, n.e.s. (6/80 - 100), fob fp	_	-			_			_	: =			
7434   744	Fans, blowers and parts, n.e.s. (12/80 = 100), fob fp.  Mechanical handling equipment (3/82 - 100), fob fp	: =		_	_	_	l	, i					
745	Misc. nonelectrical apparatus, n.e.s. (9/80 100)					· -	<u> </u>	- '	_				_
7451	Motorized nonelectrical hand tools (6/80 = 100),	•				ĺ		;		1			
	10b 1p			<b>-</b>		<u> </u>	i –	-	_	-		: <del>-</del>	•
7452 ,	Packaging, weighing, similar non-elec machinery.	•	1			į	1	: 1					
:	and parts, r.e.s. (3/80 = 100), tob fp		: -			ı —	i –	!		i		_	_
749	Nonelectric parts and accessories of machinery, n.e.s.	ļ.	:	!	•	1		1		!			
7404 :	(12/79 - 100), tob tp 4		. —	: <b>-</b>	: -	!	_			i —	. —		
7491	fob tp		٠	l		! _	_			1	,		
7492	Taps, cocks, valves and similar appliances for liquid	:		i		!				1	1		:
!	flow control (12/78 - 100), fob fp	.l	:	-	. <b>–</b>	<u> </u>	-	· –	-	_	: <u> </u>	. –	
7493	Clutches and transmission devices (3/80 = 100), fob	ı	!	•		i	İ	I		!	:	!	
1	1p	: <u> </u>	·	. –	. –	<u> </u>	-		_	! -	· —		:
75	Office machines and automatic data processing equip-			:		1	ĺ	ļ			:	i	:
/5 :	ment (3/80 = 100) 4		:	· !		! -	i —		_	. –		: <u> </u>	_
751		·		_	: <u> </u>		<u> </u>	: -		<u> </u>	100.0	98 7	100.8
759		1	:	:	-	i	Ì	1	, I	:	ì	ļ	
	or 752 (3/80 = 100), tob tp		; <b>-</b>	-		; <b>–</b>	<u> </u>	: <b>-</b>	: –	· —	ļ —	_	: -
<b>76</b> i	Telecommunications, sound recording and reproducing	1	!		i	1	ĺ	)	ĺ	1	İ	i	
;	apparatus (3/80 = 100) 4		! -	i —		_	-	_	-	i –	100.0	101.8	105.7
762	Radio broadcast receivers, tob fp		! -	! -	: -	i —	_	1 -	-	-	100.0	101.6	100.7
764	Telecommunications equip. n.e.s., parts and accesso-		1	i	!		· 	_		_	! -	: -	_
•	ries for equip. in 76 (3/80 = 100) fob fp 4	! -	-	. —	i –	! -					į	i	!
7642	Microphones, loudspeakers and audio-frequency	:	į į		i	i		! 	l	l	1000	1000	i
į	electric amplifiers fob tp		-	-	• -	i —	-	-	i —	-	100.0	100.0	102.4
_77 ;	Electrical machinery and equipment (12/81 = 100) 4		-	i –	. –	_	i —	-	_	_	-	. —	! -
771	Electric power machinery and parts, f.e.s.		1 _		1	·	<u> </u>	<u> </u>	_	_	i -	: -	-
7712	(3/79 = 100) 4		i —		!	i -						İ	
// 12	rectifiers and inductors, fob fp		· -	_	,	_	92.8	94.2	93.0	97.1	0.001	101.5	103.2
772	Electrical apparatus for making, breaking and protect-						-				1	1	i
:	ing circuits, tob tp	. 112.9	111.4	99.8	100.0	97.2	97.6	98.3	99.4	99.6		101.0	103.8
775			!	-	! -	! -	i –	-	99.2		100.0	101.3 100.8	
7758		·	·	-			07.1	06.6	99.3 9€.8	98.8	100.0	100.5	
778		·	-	! -		! _	97.1	96.6	<b>3</b> C.0	30.0	100.0	100.5	-
7781				: _	:	! _	i _	! =	_	98.7	100.0	99.2	106.0
7782 7783	Automotive electric equipment, tob fp			_	_	_	99.3	98.2	96.9	1	100.0	101.6	
7788	miscellaneous electric machinery and parts, fob fp			96.4	96.4	96.8	96.7	96.5	96.8	98.9	100.0	101.4	· 100.8
78	Road vehicles and parts (6/81 = 100) 4	—	_		: -	<u> </u>	-	<u> </u>	-	-	-	-	
781	Passenger automobiles (6/81 = 100) 3		_	: -		-	-	-	-	; -		: <del>-</del>	; –
784	Parts for motor vehicles:					ì	į			. 07.6	100.0	101.3	102
7849		<del></del>	, –	: -		-	-		-	1 97.0	1000	101.3	103.
785	Cycles, motorized and nonmotorized, fob fp:		i	!		!	!	96.3	989	100.3	· 100 0	103.0	106.
78539	Parts for cycles, not motonzed, fob fp *			1	_	1 —	!	. 50.5	, 000				
8	Misc manufactured articles (3/80 = 100) 4		_	_		: -		;	,		: -	! —	
8	Misc manufactured articles excluding gold and silver coins			•			:					_	
	(6/82 100) 1		,			1		_			_	_	_
81	Plumbing, heating and lighting fixtures (6/80 - 100) Furniture and parts (6/80 - 100)	· -	_		_		!						_
82	Clothing (9/77 100) 4		_		_	1 -	:	_		·		100 0	
	Woven outerwear, men's and boys' *							٠	. –	: -	100.0	102 0	
84 842	· · · · · · · · · · · · · · · · · · ·	_					. —					. 405.5	
842 8421	Woven coats, men's and boys' (9/79 100), tob to		_		٠			' <u> </u>		-		1028	
842	Woven coats, men's and boys (9/79 100), fob fp Woven pants, men's and boys', fob fp 5		_		_			1000	1020	100.7	. 1001()	เนาก	106
842 8421 8423 844	Woven pants, men's and boys', fob fp 5 Woven undergarments 5	94 4	84 1	88 1	90 2		959						107
842 8421 8423 844 8441	Woven pants, men's and boys', fob fp 5 Woven undergarments 5 Woven shirts, men's and boys', fob fp 5		83.0	88 1 87 3			95 7	1011	1020	100 7	100 0	106 0	_
842 8421 8423 844 8441 845	Woven pants, men's and boys', fob fp 5 Woven undergarments 4 Woven shirts, men's and boys', fob fp 5 Knitted outergear 4	94 4					95 7 95 4	101 1 95 4	1020 974	100 7 98 6	100 0 100 0	106 0 99.6	101
842 8421 8423 844 8441 845 8451	Woven pants, men's and boys', fob fp 5 Woven undergarments 4 Woven shirts, men's and boys', fob fp 5 Knitted outergear 4 Knitted sweaters, cif 5	94 4	83.0				95 7	1011	1020 974 973	100 7 98 6 98 3	100 0	106 0 99.6 98 6	101 : 100 :
842 8421 8423 844 8441 845 8451 846	Woven pants, men's and boys', fob fp 5 Woven undergarments 4 Woven shirts, men's and boys', fob fp 5 Knitted outergear 4 Knitted sweaters, cif 5 Knitted undergarments 4	94 4	83.0				95 7 95 4	101 1 95 4	1020 974 973 927	100 7 98 6 98 3 100 0	100 0 100 0 100 0 100 0	106 0 99.6 98 6 100 7	101 100 102
842 8421 8423 844 8441 845 8451	Woven pants, men's and boys', fob fp 5 Woven undergarments 4 Woven shirts, men's and boys', fob fp 5 Knitted outergear 4 Knitted sweaters, cif 5	94 4	83.0	873  			95 7 95 4	101 1 95 4	1020 974 973 927	100 7 98 6 98 3 100 0	100 0 100 0 100 0 100 0	106 0 99.6 98 6	101 100 102



[June 1977 100 unless otherwise specified]

1974	Category		197	'5 ²		•	. 19	76			. 19	77	
SITC	Category	Mar	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar	June	Sept	Dec.
8482	Plastic and rubber apparel (3/80 - 100), fob fp		'		_	· —			_	· _			: -
8510	Footwear cif *	86 7	88.1	878	88.9	90 0	93.7	95.6			1000		
8510	Athletic footwear, cif 3	_	. –	_					97.9	100.1	100 0	99.1	; 103.4
87	Professional, scientific and controlling instruments and apparatus (12/79 - 100) +		· – ,	-						_	_		_
871	Optical instruments and apparatus (12/79 = 100), fob tp		· :			;	:						:
872	Medical instruments and appliances (12/79 = 100), fob fp		. — : · ·	_				_	. <del>-</del>				
874	Measuring and controlling instruments and apparatus (12/79 - 100), fob tp	_				· 			. <u>-</u>	. <u>-</u>		4	!
8748	Electrical or electronic measuring and controlling instruments and apparatus (12/79 = 100), fob fp		1	_			:		· · –	i —	: _	· · —	! _
88	Photographic apparatus and supplies, optical goods, watches and clocks (3/80 - 100) 4		· · ·	_		_		_				: . <b>-</b>	! 
881	Photographic apparatus and equipment (3/80 = 100)	_		_		_					· _		
882	Photographic and cinematographic supplies (3/80 100)	_	·		_	_	•		_	: . –	1		. –
884	Optical goods (6/80 = 100)		;		_					_		-	<u> </u>
8841	Optical elements, lenses, prisms (3/80 = 100), fob fp	_			_	_			_	: 			
8842	Spectacles and spectacle frames (3/80 100) fob tp	_		_			· ·			; 		<u> </u>	
885	Watches and clocks (6/80 - 100)		<u> </u>		_	_		_		-	·		_
8851 8852	Watches and clocks (3/80 ± 100), fob fp 5	_	· —		_	_	<del>-</del>	_			_	_	
					_	_	_				_		_
89 89	Misc manufactured articles, n.e.s. (6/82 100) 1 Misc manufactured articles, n.e.s., excl gold and silver	•	-	-				,	<del></del>	. –	: -		
894	coins (6/82 = 100) 3			_			***	-	_	. <del>-</del>		_	_
8942	fob fp <sup>4</sup>								_	. –	-		
8947	Sporting goods (3/81 = 100), fob fp								_				_
896	Works of art, antiques, collectors' pieces incl. gold and silver coins:	,						· _ ·		. –			_
89605	Collectors' pieces incl. gold and silver coins (6/82 - 100)										;	- !	_
898	Musical instruments and accessories, record blanks and phonograph records (9/79 - 100)				_			_		:	1	_	
898	Musical instruments (3/81 · 100) <sup>1</sup>				_		· <del>-</del> .	-	_	<del>-</del>	_	- 1	
2	All other commodities, ex chemicals (9/81 - 100) 4		<u> </u>	-		-		- 1	-		;	;	
24 248	Cork and wood (9/81 - 100) 4	· <b>-</b>	_	_		_	_	_	_		- :	 _ ;	
2482 25	Lumber, conifer, cif	69 5	80 4	817	83 7	92.5	90.3	96.8	97 6	100.8	100 ა :	121.2	1112
2517	Sulphate or soda wood pulp (12/81 100), cif		_	<del></del> ,	_ :				_	_	<del>-</del> ;	_ [	=
9 971	Commodities not elsewhere classified. Gold. non-monetary (6/82 - 100)								1	! :		i	



[June 1977 = 100 unless otherwise specified]

974	A		19	78			19	79 	,	· •	19	80	
SITC	Category	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec	Mar.	June	Sept.	Dec
	All commodities (9/82 100)	_	_	_	_		_			· —	·	·	
	All commodities (9/82 100)			_	_	_	- 1		-	<u> </u>			
0	Food (9/77 = 100)		90.8	91.4	93.6	92.4	100.8	102.7	106.4	106.7	104.4	1054	107
01	Meat 4	119.8	126.2	127.0	145.8	162.4	160.0	154.8	168.3	156.8	139.4	161.2	165.
011	Meat and edible meat offals, fresh, chilled or frozen	ļ	<del> </del>  -						<u> </u>	;	!		
	(9/77 - 100) 4	126.7	138.3			185.5		179.3	196.4	180.0 198.5	158.0	186.5	204
0111	Meat of bovine animals, cif	129.2	146.5	140.5	170.5	201.8	199.4	197.5	213.5	180.5	! ! / J.E	:	
014	n.e.s.; fish extracts 4	110.5	106.6	106.2	116.0	121.9	119.8	111.1	117.9	115.9	107 1	116.2	:124
0149	Other prepared or preserved meat, cif cif	111.1	107.0	106.7	116.8	122.9	120.6	111.8	118.7	116.5	107.0	116.3	124
03	Fish 4	101.2	101.8	105.2					124.3	125.5 118.9	124 4	126.8	131
034	Fish, fresh, chilled or frozen (12/77 = 100), cif.		101.5	102.4 106.9		104.1 133.3		109.3	137.5	132.9	123.2	128.4	130
036 037	Shellfish, fresh, chilled, frozen, salted, or dried, cif	98.2	100.5	100.5		-	_			105.7			
0371	Fish prepared or preserved n.e.s. (9/77 = 100)	98.4	95.4	95.7	96.8	98.7	104.8	107.2	110.1	117.7	121.2	124.1	125
372	Crustaceans and molluscs, prepared or preserved,	 	i	i						1010	400 5	111.5	 
	nes (9/77 ± 100), cif	95.9	99.3	103.1	109.0 112.8	108.0 116.2		106.0 121.9	105.4	130.6	131.1		
04	Grain and grain preparations (9/77 = 100), cif	105.2	1 100.0		İ	1	ļ		1	1			
05	Fruits and vegetables 4	85.7	89.9	90.4	90.6	88.1	92.1	92.8	97.9	95.1	100.2	100.7	104
056	Vegetables, roots and tubers, prepared or preserved, n.e.s	101.0	102.3	102.3	102.1	102.1	1028	1026	108.0	1109.8	110.8	1127	1113
057	ries Fruit and nuts (not including oil nuts), fresh or dried 1		111.6	112.2	112.4	l .	117.1	119.2	•		140.3		
577	Edible nuts, fob fp	83.4	88.8	86.0	83.0	87.8	92.4	96.8	E .	110.9	116.5	115.8	116
058	Fruit preserved, and fruit preparations 1	¦110.1	109.0	111.1	107.6	112.5		111.2	1	110.3	*	104.8	100
589	Fruit, temporarily preserved, fob fp	102.2	99 8	104.0	106.4	110.6	105.3	105.9	105.8	101.8	107.0	107.7	1111
06	Sugar, sugar preparations and honey (3/82 = 100)	73.6	71.2	70.7	66.5	59.3	72.0	75.6	75.9	72.9	67.9	57.0	5
07 071	Coffee, tea, cocoa 4		69.0	65.7	58.4	51.8	71.1	78.1	79.3	76.1	74.0	59.0	5
711	Coffee, cif		69.0	65.5	57.7	50.8	69.6	76.4	77.6	74.3	72.1	57.5	5
074	Tea and mate *	75.7	70.0	68.8	67.0	65.2	63.0	61.5	62.7	64.5	64.8	63.9	
741	Tea (9/77 = 100), cif		78.8	77.5	75.5	73.5	70.9	69.2	70.6	72.6 67.2	73.0 67.5	72.0 68.0	- 1
	All other food items (9/77 = 100) 4	!	56.4 101.3	58.1 103.6	60.3	60.6	61.3	63.6	65.3	120.2		123.1	
024	·	1	1	ļ	İ	l .	1	i			1		1
0	Beverage and tobacco	106.2	109.9	112.4	114.4	118.4	121.0	t .	124.4	133.4	136.3	140 1 140.1	14
11	Beverages <sup>4</sup> Alcoholic beverages <sup>4</sup>	106.2		112.4		118.4	121 0 121.0	122.2	124.4		136.3	140.1	3
112 1121		11133	114.9	121.4	125.5	132.9	*	134.3	135.0	149.9		152.3	
1123	Beer (9/81 = 100), cif	.	: -	!	_	! -	! -	-	-	_	-	i <del>-</del>	1
1124	Spirits, cif.	. 103 7	106.9	107.5	108.0	111.9	118.3	120.5	125.4	135.1	139.2	147.4	15
3	Fuels and related products (6/82 - 100) 4	: :	-	: _	<u> </u>	-		¦ —	<u> </u>	-	ļ	i	,
333	Crude petroleum	101.6	101.1	101.1	102.1	110.1	135.2	165.5	184.5	232.9	244.0	247.3	. 25
341						1		i	i _	ļ	!		:
3414	Gas. natural and manufactured  Natural gas and LNG (9/81 = 100) 1			: -	; <del></del>	, –	-	· —	-	1	: -	,	
5	Chemicals (9/82 - 100)			<u>-</u>		: -	-	-	-	-	;		1
6	intermediate manufactured products (12/77 - 100) 1	103 7	107.9	111.7	1145	1199	125.5	128.2	134.4	144 8	141.9	144 2	14
61	Leather and fursking 4	. 104.4	. 109.0	1116.6	124.8	137.5	145.9	152.5	140.0	140.0	141.0	141.5	. 19
611	Leather fob fo	· 104 4	1110.2	1119.4	132.8	1152.5	1101.1	104.8	1152.0	138.4	;13/0	130.0	117
27	Rubber manufactures, n.e s. 4	11027	100.0	109.7	· 110 9	117.2	- 120 O	1121.0	120.0	1130.9	1140.1	140.2	1 **
62	Dubber tree and tubes at							400.0	128.9	11300	11301	133.4	113
<b>62</b> 5	Rubber tires and tubes, cif	1085	1109.2	109 H	- 111.3	1221	11260	129.3	,				12
	Rubber tires and tubes, cif	106.5 - 106.7	109.2	109.8	111.3 1114.2	122.1	1374	1140.0	1130.8	142.0	1330	133.7	10
<b>62</b> 5 63	Rubber tires and tubes, cif	.: 106.5 .: 106.7 : 106.6	109.2	109.8 1111.2 107.4	111.3 1114.2 1107.3	130 5 112 6	1374 113.0	118.5	119.8	117.1	119.1	126.3	, 12
625 63 634 635 6359	Rubber tires and tubes, cif.  Cork and wood manufactures *  Piywood and veneers, cif  Wood manufactures, n e s *	.: 106.5 .: 106.7 .: 106.6 108.8	109.2 109.1 108.4	109.8 1111.2 107.4	111.3 1114.2 1107.3	130 5 112.6	1374 113.0 1113	118.5	119.8	117.1	119.1	126.3	12
625 634 635 6359 64	Rubber tires and tubes, cif.  Cork and wood manufactures 4  Piywood and veneers, cif  Wood manufactures, n e s 4  Wood manufactures, n e s . cif  Paper and paperboard products 4	106.5 106.6 108.8 102.5	109.2 109.1 108.4 110.8 106.2	109.8 111.2 107.4 107.6 106.5	111.3 1114.2 1107.3 .106.6 1107.5	122.1 130.5 112.6 111.4 114.1	1374 1130 1113 1152	118.5 110.5 116.8	119.8 113.9 124.5	117.1 109.4 126.4	119.1 111.8 132.6	126.3 121.7 133.1 132.1	12 - 13
625 634 635 635 64 641	Rubber tires and tubes, cif.  Cork and wood manufactures 4  Piywood and veneers, cif  Wood manufactures, n e s 4  Wood manufactures, n e s . cif  Paper and paperboard products 4  Paper and paperboard 4  Novement of	106.5 106.7 106.6 108.8 102.5 101.7	109.2 109.1 108.4 110.8 106.2 105.4	109.8 111.2 107.4 107.6 106.5 105.5	111.3 1114.2 1107.3 .106.6 1107.5 .106.5	122.1 130.5 112.6 111.4 114.1 113.3 113.1	1374 1130 1113 1152 1143	118.5 110.5 116.8 115.7	119.8 113.9 124.5 123.8	117.1 109.4 126.4 125.7	119.1 111.8 132.6 131.9	126.3 121.7 133.1 132.1 132.8	12 - 13 - 13 - 13
625 634 635 635 64 641	Rubber tires and tubes, cif.  Cork and wood manufactures 4  Piywood and veneers, cif  Wood manufactures, n e s 4  Wood manufactures, n e s . cif  Paper and paperboard products 4  Paper and paperboard 4  Newsprint, cif.	106.5 106.6 108.8 102.5 101.7 100.9	109.2 109.1 108.4 110.8 106.2 105.4 105.4	109.8 111.2 107.4 107.6 106.5 105.5	111.3 1114.2 1107.3 .106.6 1107.5 .106.5 1105.8	1221 1305 1126 1114 1133 1131	1126.0 1137.4 1113.0 1115.2 114.3 114.3	118.5 110.5 116.8 115.7 115.1	119.8 113.9 124.5 123.8 123.8	117.1 109.4 126.4 125.7 125.2	119.1 111.8 132.6 131.9 132.8	126.3 121.7 133.1 132.1 132.8	12 - 13 - 13 - 13
625 634 635 635 64 641 641 65 652	Rubber tires and tubes, cif.  Cork and wood manufactures 4  Piywood and veneers, cif  Wood manufactures, n e s 4  Wood manufactures, n e s . cif  Paper and paperboard products 4  Paper and paperboard 4  Newsprint, cif.	106.5 106.6 108.8 102.5 101.7 100.9	109.2 109.1 108.4 110.8 106.2 105.4 105.4	109.8 111.2 107.4 107.6 106.5 105.5	111.3 1114.2 1107.3 .106.6 1107.5 .106.5 1105.8	1221 1305 1126 1114 1133 1131	1126.0 1137.4 1113.0 1115.2 114.3 114.3	118.5 110.5 116.8 115.7 115.1	119.8 113.9 124.5 123.8 123.8	117.1 109.4 126.4 125.7 125.2	119.1 111.8 132.6 131.9 132.8	126.3 121.7 133.1 132.1 132.8	12 - 13 - 13 - 13
625 63 634 635 6359 64 641 65 652 653	Rubber tires and tubes, cif.  Cork and wood manufactures 4  Piywood and veneers, cif  Wood manufactures, n e s 4  Wood manufactures, n e s , cif  Paper and paperboard products 4  Paper and paperboard 4  Newsprint, cif.  Textiles 4  Woven cotton fabric, cif 5  Woven man made fabric (9/78, 100), cit 5	106.5 106.7 106.6 108.8 102.5 101.7 100.9 100.5	109.2 109.1 108.4 110.8 106.2 105.4 105.4 109.0	109.8 111.2 107.4 107.6 106.5 105.5 105.2 111.4 104.6	111.3 114.2 1107.3 .106.6 107.5 .106.5 1105.8 114.7 107.4	1221 1305 1126 1114 1133 1131 1172 1109	11374 11130 11113 11152 11143 11143 11189 11112	118.5 110.5 116.8 115.7 115.1 124.2 114.8	119.8 113.9 124.5 123.8 129.4 115.5	117.1 109.4 126.4 125.7 125.2 131.4 119.8	119.1 111.8 132.6 131.9 132.8 132.8 120.7 107.9	133.7 126.3 121.7 133.1 132.1 132.8 134.1 122.2 108.8	12 - 13 - 13 - 13 - 13 - 12 - 11
625 634 635 6359 64 6411 652 653 654	Rubber tires and tubes, cif.  Cork and wood manufactures 4  Piywood and veneers, cif  Wood manufactures, n e s 4  Wood manufactures, n e s . cif  Paper and paperboard products 4  Paper and paperboard 4  Newsprint, cif.  Textiles 4  Woven cotton fabric, cif 5  Woven man-made fabric (9/78 100), cif 5  Misc woven tabric, cif		109.2 109.1 108.4 110.8 106.2 105.4 109.0 101.9	109.8 111.2 107.4 107.6 106.5 105.5 111.4 104.6 100.0 114.3	111.3 114.2 1107.3 .106.6 107.5 .106.5 1105.8 .114.7 .107.4 103.9 122.9	122.1 130.5 112.6 111.4 114.1 113.3 113.1 117.2 110.9 104.0 126.8	1126.0 11374 1113.0 1115.2 114.3 114.3 1118.9 111.2 102.9 131.0	118.5 110.5 116.8 115.7 115.1 124.2 114.8 101.2	119.8 113.9 124.5 123.8 129.4 115.5 101.7 180.5	117.1 109.4 126.4 125.7 125.2 131.4 119.8 107.0 169.1	119.1 111.8 132.6 131.9 132.8 132.8 120.7 107.9 161.9	126.3 121.7 133.1 132.1 132.8 134.1 122.2 108.8 152.5	12 - 13 - 13 - 13 - 12 - 11 - 15
625 634 635 6359 641 6411 652 653	Rubber tires and tubes, cif.  Cork and wood manufactures 4  Piywood and veneers, cif  Wood manufactures, n e s 4  Wood manufactures, n e s . cif  Paper and paperboard products 4  Paper and paperboard 4  Newsprint, cif.  Textiles 4  Woven corton fabric, cif 5  Woven man-made fabric (9/78 100), cif 5  Misc woven fabric, cif  Special textile fabrics and related products  (9/77 100), cif		109.2 109.1 108.4 110.8 106.2 105.4 109.0 101.9	109.8 111.2 107.4 107.6 106.5 105.5 111.4 104.6 100.0 114.3	111.3 114.2 1107.3 .106.6 107.5 .106.5 1105.8 .114.7 .107.4 103.9 122.9	122.1 130.5 112.6 111.4 114.1 113.3 113.1 117.2 110.9 104.0 126.8	1126.0 11374 1113.0 1115.2 114.3 114.3 1118.9 111.2 102.9 131.0	118.5 110.5 116.8 115.7 115.1 124.2 114.8 101.2	119.8 113.9 124.5 123.8 129.4 115.5 101.7 180.5	117.1 109.4 126.4 125.7 125.2 131.4 119.8 107.0 169.1	119.1 111.8 132.6 131.9 132.8 132.8 120.7 107.9 161.9	126.3 121.7 133.1 132.1 132.8 134.1 122.2 108.8 152.5	12 13 13 13 13 13 12 11 11 15
625 634 635 6359 64 6411 652 653 654	Rubber tires and tubes, cif.  Cork and wood manufactures 4  Piywood and veneers, cif  Wood manufactures, n e s 4  Wood manufactures, n e s . cif  Paper and paperboard products 4  Paper and paperboard 4  Newsprint, cif.  Textiles 4  Woven corton fabric, cif 5  Woven man-made fabric (9/78 100), cif 5  Misc woven fabric, cif  Special textile fabrics and related products (9/77 100), cif  Articles made up chiefly of textile materials		109.2 109.1 108.4 110.8 106.2 105.4 109.0 101.9 113.0	109.8 111.2 107.4 107.8 106.5 105.5 105.2 111.4 104.6 100.0 114.3	111.3 114.2 1107.3 ,106.6 107.5 1106.5 114.7 ,107.4 103.9 122.9	122.1 130.5 112.6 111.4 114.1 113.3 113.1 117.2 110.9 104.0 126.8	1126.0 137.4 113.0 111.3 115.2 114.3 118.9 111.2 102.9 131.0	118.5 110.5 116.8 115.7 115.1 124.2 114.8 101.2 151.2	119.8 113.9 124.5 123.8 129.4 115.5 101.7 180.5	117.1 109.4 126.4 125.7 125.2 131.4 119.8 107.0 169.1	119.1 111.8 132.6 131.9 132.8 132.8 120.7 107.9 161.9	126.3 121.7 133.1 132.1 132.1 132.8 134.1 122.2 108.8 152.5	12 - 13 - 13 - 13 - 13 - 12 - 11 - 15
625 634 635 6359 64 6411 65 652 653 654 657	Rubber tires and tubes, cif.  Cork and wood manufactures 4  Piywood and veneers, cif  Wood manufactures, n e s 4  Wood manufactures, n e s . cif  Paper and paperboard products 4  Paper and paperboard 4  Newsprint, cif.  Textiles 4  Woven corton fabric, cif 5  Woven man-made fabric (9/78 100), cif 5  Misc woven fabric, cif  Special textile fabrics and related products  (9/77 100), cif		109.2 109.1 108.4 110.8 106.2 105.4 109.0 101.9	109.8 111.2 107.4 107.8 106.5 105.5 105.2 111.4 104.6 100.0 114.3	111.3 114.2 1107.3 ,106.6 107.5 1106.5 114.7 ,107.4 103.9 122.9	122.1 130.5 112.6 111.4 114.1 113.3 113.1 117.2 110.9 104.0 126.8	1126.0 137.4 113.0 111.3 115.2 114.3 118.9 111.2 102.9 131.0	118.5 110.5 116.8 115.7 115.1 124.2 114.8 101.2 151.2	119.8 113.9 124.5 123.8 129.4 115.5 101.7 180.5	117.1 109.4 126.4 125.7 125.2 131.4 119.8 107.0 169.1	119.1 111.8 132.6 131.9 132.8 132.8 120.7 107.9 161.9	126.3 121.7 133.1 132.1 132.1 132.8 134.1 122.2 108.8 152.5	12 - 13 - 13 - 13 - 13 - 12 - 11 - 15
625 634 635 6359 64 6411 65 652 653 654 657	Rubber tires and tubes, cif.  Cork and wood manufactures 4  Piywood and veneers, cif  Wood manufactures, n e s 4  Wood manufactures, n e s . cif  Paper and paperboard products 4  Paper and paperboard 4  Newsprint, cif.  Textiles 4  Woven corton fabric, cif 5  Woven man-made fabric (9/78 100), cif 4  Misc wover fabric, cif  Special textile fabrics and related products (9/77 100), cif  Articles made up chiefly of textile materials (9/78 100), cif 5		109.2 109.1 108.4 110.8 106.2 105.4 109.0 101.9 113.0	109.8 111.2 107.4 107.6 106.5 105.2 111.4 104.6 100.0 114.3	111.3 114.2 1107.3 .106.6 1107.5 .106.5 1105.8 1114.7 107.4 103.9 122.9 109.3	122.1 130.5 112.8 111.4 111.1 113.3 113.1 117.2 110.9 104.0 126.8 114.2	1126.0 137.4 113.0 1113 115.2 114.3 118.9 111.2 102.9 131.0 119.3	114.0.6 118.5 110.5 116.8 115.7 115.1 124.2 114.8 101.2 151.2 123.4	119.8 119.8 1124.5 123.8 129.4 115.5 101.7 180.5	117.1 109.4 126.4 125.7 125.2 131.4 119.8 107.0 169.1	119.1 1118.1 1118.1 132.6 131.9 132.8 132.8 120.7 107.9 161.9 142.2	126.7 121.7 133.1 132.1 132.1 132.8 134.1 1122.2 108.8 152.5 146.6	12 -13 -13 -13 -13 -12 -11 -15 -14
625 634 6359 641 6411 652 653 654 657 658	Rubber tires and tubes, cif.  Cork and wood manufactures * Piywood and veneers, cif Wood manufactures, n e s * Wood manufactures, n e s . cif Paper and paperboard products * Paper and paperboard * Newsprint, cif Textiles * Woven cotton fabric, cif * Woven man-made fabric (9/78 100), cif * Misc woven fabric, cif Special textile fabrics and related products (9/77 100), cif Articles made up chiefly of textile materials (19/78 100), cif * Nonmetallic mineral manufactures n e s Glassware *		109.2 109.1 108.4 110.8 106.2 105.4 109.0 101.9 113.0	109.8 111.2 107.4 107.6 106.5 105.2 111.4 104.6 100.0 114.3	111.3 114.2 1107.3 .106.6 1107.5 .106.5 1105.8 1114.7 107.4 103.9 122.9 109.3	122.1 130.5 112.8 111.4 111.1 113.3 113.1 117.2 110.9 104.0 126.8 114.2	1126.0 137.4 113.0 1113 115.2 114.3 118.9 111.2 102.9 131.0 119.3	114.0.6 118.5 110.5 116.8 115.7 115.1 124.2 114.8 101.2 151.2 123.4	119.8 119.8 124.5 123.8 129.4 115.5 101.7 180.5	117.1 109.4 126.4 125.7 125.2 131.4 119.8 107.0 169.1	119.1 1118.1 1118.1 132.6 131.9 132.8 132.8 120.7 107.9 161.9 142.2	126.7 121.7 133.1 132.1 132.1 132.8 134.1 1122.2 108.8 152.5 146.6	12 -13 -13 -13 -13 -12 -11 -15 -14
625 634 635 6359 641 6411 652 653 654 657 658	Rubber tires and tubes, cif.  Cork and wood manufactures * Plywood and veneers, cif Wood manufactures, n e s * Wood manufactures, n e s . cif Paper and paperboard products * Paper and paperboard * Newsprint, cif Textiles * Woven cotton fabric, cif * Woven man-made fabric (9/78 100), cif * Misc woven fabric, cif Special textile fabrics and related products (9:77 100), cif Articles made up chiefly of textile materials (9:78 100), cif *  Nonmetallic mineral manufactures n e s Glassware *		109.2 109.1 108.4 110.8 106.2 105.4 109.0 101.9 113.0	109.8 111.2 107.4 107.6 106.5 105.2 111.4 104.6 100.0 114.3	111.3 114.2 1107.3 .106.6 1107.5 .106.5 1105.8 1114.7 107.4 103.9 122.9 109.3	122.1 130.5 112.8 111.4 111.1 113.3 113.1 117.2 110.9 104.0 126.8 114.2	126.0 137.4 113.0 1113 115.2 1143 118.9 1112 102.9 131.0 119.3	1140.6 118.5 110.5 116.8 115.7 115.1 124.2 114.8 101.2 151.2 123.4 115.8	119.8 119.8 1124.5 123.8 123.8 129.4 115.5 101.7 1180.5	117.1 109.4 126.4 125.7 125.2 131.4 119.8 107.0 169.1	119.1 1118.1 1118.1 132.6 131.9 132.8 132.8 120.7 107.9 161.9 142.2 119.6	136.3 121.7 133.1 132.1 132.8 134.1 122.2 108.8 152.5 146.6	12 -13 -13 -13 -13 -115 -15 -14 -12



[June 1977 100 unless otherwise specified]

1974 SITC	Category	† }	1	978 í		i	1	979	:	•		980	
3110		Mar.	June	Sept.	: Dec.	Mar.	June	Sept.	Dec.	.⊥ Mar	June	Sept	Dec
667	Precious, semi-precious stones and pearls	ì	i	İ	:	I		:		:		i	į
6672	Diamonds, cut and polished (6/82 = 100), cif		_	_									•
67 671	Pig iron, spiegeleisen, sponge iron, iron or steel pow-	; –	i	100 0	102 5	107 8	110.3	-1144	, 115.9	1179	1 19 4	119 7	123
.,, ,	ders and shot, and ferro-alloys (9/78 = 100), cif		; _	100.0	106.8	108.4	118.2	121.5	125.2	136 3	139 9	: 140 2	.140 (
672	ingots and other primary forms of iron or steel			1		1.00.1		1			.05 0		1.40.
673	(3/81 - 100), cif	-	-	: -	i -	-	-	! -	-			!	-
6/3	fron and steel bars, rods, angles, shapes and sec- tions 4	108.3	120.8	126.7	126.3	1131.2	135.2	1375	139 4	I I 143 B	145.0	145.4	145
6731	Wire rod of iron or steel, cif	103.8	107.7		94.3				1113				
67311	Wire rod of other than high carbon or alloy steel,		!		1	İ	1	1	!	1	:	i	
6733	cif Angles, shapes and sections and sheet piling, of	102.6	107.7	111.7	116.2	121.3	130.4	132.2	135.5	138 5	139 8	140 0	140.8
0/33	iron and steel (9/78 = 100), cif	_	_	100.0	104.6	107.7	109 4	1116	1127	1174	1118.4	! : 118.7	118
674	Universals, plates and sheets, cif 4		116.2		126.4								
6747	Tinned sheets and plates (6/79 = 100), cif	<u> </u>	-	; —	-	-	100.0	104.7	107.8	109.5	115.4	115 2	117.
675	Hoop and strip, hot-rolled or cold-rolled (12/78 = 100), cif			İ _	100.0	102.0	105.4	107.0	1,00.0		1150	116.4	
			-	1	!	1		!	1	!		i	1
677 678	Iron or steel wire, not insulated, cif		108.5	1126	112.9	118.7	121.2	121.9	126.2	128.2	132.7	132.8	136.8
		i	105.0	113.6	114.0	120.9	123.2	134.0	133.4	130.1	132.1	131.0	130.
68 681	Non-ferrous metals (12/81 = 100) 4		_	-	_	_	-	-	-	_	<u> </u>	-	-
001	Silver, platinum and other metals of the platinum group (3/82 = 100), cif		_	<u> </u>							İ	İ	
682		87.8	91.7	98.0	99.4	102.8	132.4	122.2	125.0	126.9	125.3	123 5	122.5
6822	Copper and copper alloys, worked (6/78 = 100), cif	_	100.0	104 0	1105	125.6	132.4	135.8	148.7	157.4	149 8	149.9	
686			85 1						101.9			100.5	1
6861 687	Zinc and zinc alloys, unwrought, cif		85.1	87.7 102.6	1				102.0			100.6 138.6	
69	Metal manufactures, n.e.s. 4		108.9		116.9							127.2	
693	Wire products and fencing grills (9/78 = 100) ⁴		-		103.5							107.0	107.3
6931	Stranded wire, cables, ropes, etc. of iron, steel,	1		ł		İ	Ì		i				
694	copper or aluminum (6/80 = 100), cif	1024	1103	1103	125.0	124.1	122.0	121 0	1218	122.3	100.0	97.0	97.2 1125.6
69402	Nuts, bolts, screws, washers, etc., cif		110.5		. 126.2							127.6	126.7
695	Tools for use in hand or machines 4		110.0	113.1	114.9	113.8	113.8	116.9	116.9	121.8	122.5		127.2
6953 6954	Misc. tools for use in hand, cif	108.9	110.6	116.5	118.4	114.5	113.8	115.5	115.5	118.9	119.3	126.9	126.8
0954	tools (6/80 = 100), cif	_	_	i _	! _	l	_	i _		: _	100 0	100.0	100 6
696	Cutlery, fob fp	107.5	108.6	113.0	115.3	114.6	114.3	116.3	115.7	114.0	114.8	117.2	117.1
697	Household equipment of base metal, n.e.s., fob fp	103.8	104.8	107.8	110.5	113.9	114.6	116.4	118.3	120.5	122.8	127.8	131.1
699 6991	Manufactures of base metal, n.e.s. (12/80 = 100) 4 Locksmith's wares and hardware, n.e.s.; of base	-	_	ļ <del></del>	i -	-	-	<u> </u>	! -	<u> </u>	<u> </u>	-	100.0
0331	metal, cif	106.9	106.7	1140	113.4	1142	120.2	115.7	125 1	126 4	129 4	141 1	140 6
6997	Articles of iron or steel, n.e.s., cif	105.5	105.7		107.1	109.3	109.5	108.9	111.9	111.4	112.0	112 2	118.2
7	Machinery and transport equipment (6/81 = 100) 4	_	_		_	<u> </u>		i	_			·	l _
716	Electric motors, generators, and other rotating plant		106.5	112.0	114.6	109.5	110.2	113.1	118.7	119.7	118.2	118.4	115.9
72	Machinery specialized for particular industries	! [			į	ļ		! }	1	1	1	!	
723	(9/78 = 100) 4	-	-		!	i -	_	: -	-	_	_	_	-
, 20	ment and parts (9/81 = 100), cif	<u> </u>	! ! —	_	<u> </u>	!	!	!	_	i _	· · —	:	İ _
724	Textile and leather machinery and parts 4	111.0	111.9	115.9	120.0	122.8	124.3	1286	130.1	134.0	: 134 6	138.1	139.1
724 7243	Textile machinery and parts (3/80 = 100), fob fp 3	-		_	-					100 0	101.0	103.6	104.5
7244	Sewing machines, tob fp	113.6	114.3	121.8	125 4	127.3	125.4	126.7	124 4		124.9		
	(3/80 - 100), fob fp			_			! :	_	_		102 6		
7245	Weaving, knitting etc. machiner (3/80 = 100), fob fp		i —	<u> </u>	!		_	٠			97.3		
7246	Auxiliary machines and parts for 724.5 (3/80 = 100), fob fp		_		-			•	; 1	400.0	00.0	: 104 4	40E E
7247	Textile finishing machinery (6/80 = 100), fob fp		_	: _	_		_			100.0	100.0		
728	Machinery specialized for particular industries, n.e.s.		<b> </b> :	;			•						
	(6/81 100), fob fp	-	·	· _				-	<b>.</b>		٠		
73	Metalworking machinery (3/80 = 100) 4					-			_	100 0	100 7	104 4	
736 736	Metalworking machine tools and parts (3/80 100) Metalworking machine-tools, fob fp. <sup>3</sup>		100.5					400.0				105 3	
736	Parts nies of metalworking machine tools	1100	כ שניו	1129	1109	1186	1216	1293	131 1	132 9	134 6	140 9	141.3
	(12/79 100), fob ft 1		•						1000	103 7	103 4	106 0	102 5
14	General industrial machinery and parts (6/81 100),												
•	nest			<b></b> .			-					_	
11.	Heating and cooling equipment and parts, nes												
	(6/80 100) fob fp											103 9	



[June 1977 = 100 unless otherwise specified]

974	Category		19	78	r		19	79	1.	į	, 19	)80 T	,
ITC		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	D
416	Machinery that treats materials by a process involv- ing a change of temperature (6/80 = 100), fob fp		_	    -	_	_	<u> </u> 	    -	!	<u></u>	100.0	103.9	: -10
742			_	_	! _	_	i –	i —	<u> </u>	; <u> </u>		102.4	
743	Pumps, compressors, fans, blowers, centrifuges, and	]			Ì			İ		İ	•	i	
	filtering apparatus and parts n.e.s. (3/80 = 100),			ļ			i I			100.0	1102 8	105.4	1.0
743	fob fp	_	-	-	-	_	-	_	_	100.0	102.6	105.4	10
	and parts, n.e.s. (6/80 = 100), fob fp	! -	_	! _	_	_	_	_	l –	-	100.0	102.6	10
434	the second secon	1	-	! -	-	_	_	-		-	<b>–</b>	-	10
744				-	-	i —	-	-	j –	<u> </u>		400.0	1
745 451					-	_	-	_	_	_	_	100.0	9
	fob fp	_	_	_	l –		_	]	_	_	100.0	100.1	10
452	Packaging, weighing, similar non-elec machinery,			İ			1					1	
740	and parts, n.e.s. (3/80 = 100), fob fp	-	-	-	-	-	-	-	_	100.0	102.6	107.0	10
749	Nonelectric parts and accessories of machinery, n.e.s. (12/79 = 100), foir fp 4	·	<u> </u>					İ	100.0	106.0	106.8	109.6	١,,
491	Ball, roller and needle roller bearings (3/80=100),	_	_	-	-	_			100.0	100.0	100.6	108.0	' '
	fob fp	_	_	_	_	_	_	_	! –	100.0	100.5	101.9	10
492	Taps, cocks, valves and similar appliances for liquid						1		j	!		İ	
400	flow control (12/78 = 100), fob fp	-	-	-	100.0	105.1	105.9	120.6	120.9	124.3	127.8	130.5	13
493	Clutches and transmission devices (3/80=100), fob tp	l _		l	_			_	1 _	100.0	99.1	103.7	11
75	Office machines and automatic data processing equip-	-	-	-	-	_	-	_	i	100.0	33.1	100.7	' '
	ment (3/80 = 100) 4		! _	_	_	_	_	i –	_	100.0	100.4	100.5	1
751	Office machines, tob fp	101.1	102.3	109.9	114.8	112.2	107.4	107.6	104.4	104.5	104.6	104.9	10
759	Parts, n.e.s. and accessories suitable for use in 751				Ì		1	]		400.0	1010	1000	١,
76	or 752 (3/80 = 100), fob fp	-	-	-	-	-	-	-	_	100.0	101.0	100.9	1 8
	apparatus (3/80/100) 4	<b> </b>	_	_	_	! <b>–</b>	_	_	l –	100.0	101.5	101.8	10
762	Radio broadcast receivers, fob fp	106.0	108.5	113.6	112.7	112.9	107.8	108.0	105.3	105.1	106.3	106.4	10
764	Telecommunications equip. n.e.s.; parts and accesso-										404.0	400.0	١.,
	ries for equip. in 76 (3/80 = 100), tob fp4	-	_	-	-	_	_	-	_	100.0	101.8	102.3	10
642	Microphones, loudspeakers and audio-frequency	i					}			1		!	
	electric amplifiers, fob fp	103.0	104.6	110.8	114.6	116.2	114.5	112.8	112.2	110.7	112.1	114.2	1
77 771	Electrical machinery and equipment (12/81 = 100) 4 Electric power machinery and parts, n.e.s.	-	-	_	_	_	_	_	-	_	_	-	
	(3/79 = 100) 4	l <u> </u>	_	_	_	100.0	98.8	100.4	100.7	105.4	107.7	112.9	1
712			1.							1			
770	rectifiers and inductors, fob fp	108.6	109.8	109.7	119.1	116.1	113.2	111.8	111.0	116.1	118.3	122.5	12
772	Electrical apparatus for making, breaking and protect- ing circuits, fob fp	1108	1110	121.8	128.5	129.4	126.0	128.7	127 4	105	132.1	130.2	12
775	Household appliances, fob fp *			111.9	108.7	110.7	112.2		115.5			120.3	
758	: Electro-termal appliances, fob fp	104.4	105.5	110.3	105.6	108.0	109.2	110.0	110.8	111.6	113.6	112.6	•
778			1	114.1	109.5	110.8	106.0	110.5		118.5		124.4	1
781 782	Batteries and accumulators (12/79 = 100), tob fp Electric !amps, fob fp	107.2	1048	105.6	102.1	103.7	86.6	87.1	100.0 86.5	89.9	92.0	106.7 93.3	
783	Automotive electric equipment, tob fp	111.6	113.0	l .	123.7	128.8	129.0	142.9	•		155.3	182.0	
788	Miscellaneous electric machinery and parts, fob fp	109.8			107.4	ľ	106.3	1	113.3	121.7	125.5	128.2	12
78	Road vehicles and parts (6/81 = 100) 4		! —	<b>-</b>	! —	_	-	-		-	_	i —	
781 784	Passenger automobiles (6/81 = 100) 3	_	-	_	_	_	-	_	<u> </u>	_	_	-	
849	Parts for motor vehicles, non-APTA 3	109.4	109.4	114.1	115.3	119.2	119.4	122 1	125.5	130.4	133.8	138.2	14
785	Cycles, motorized and non-motorized, tob fp:		ļ		ĺ			İ	!	}	ŀ		
539	Parts for cycles, not motorized, fob fp 3	109.2	108.2	113.2	115.5	118.0	117.2	119.3	121.8	128.3	129.5	133.0	13
6	Misc manufactured articles (3/80 = 100) 4	_		<u> </u>	<b>–</b>	_	i —	<b> </b>	<u> </u>	100.0	99.1	100.2	10
8	· Misc manufactured articles excluding gold and silver coins			ļ			! 1	i	:			} •	i
ρ٠	(8/82 - 100) 3	_	_	! :		_	<u> </u>	_	·		100 0	100 8	1,,
81 82	Plumbing, heating and lighting fixtures (6/80 = 100) Furniture and parts (6/80 - 100)		=	-		<del>-</del>	. <del>-</del>	<del>-</del>	_	_	ł .	100.8	t.
84	Clothing (9/77 = 100) 4	102.7	103.0								118.4	119.5	12
842	Woven outerwear, men's and boys' 1	1058	105.3	105.7	110.7	113.1	114.9	121.1	121.1	126.6	128.0	130.0	13
421	Woven coats, men's and boys' (9/79 = 100), fob fp	100.3	99.7	00.7	1022	101.8	102.2	100.0			103.5		
423 844	Woven pants, men's and boys', fob fp 5	100 2	⊤ 99./ 1107 fi	1137	1150	124.0	127.7	131.8	133.9	134.7	136.0	136.7	1:
441	Woven shirts, men's and boys', fob !p 5	108.4	108.2	114.7	116.1	125.2	128 9	133.0	135.2	136.0	137.3	138.0	14
845	Knitted outergear *	100.4	100.3	101.9	103.3	111.9	112.1	116.1	120.0	122.1	121 0	123.9	12
451	Knitted sweaters, cif 3	99.6	100.9	102.9	104.3	105.6	106 0	104.9	108.6	111.6	1106	113.0	11
846	Knitted undergarments 4		104.8	107.5	112.3	114.6	[115.5]	115.2	114.4	121.5	122.9	124 9	12
462	Knitted cotton undergarments (12/79 - 100), fob to 5	·	·	! _	<u> </u>		·		100 0	109 3	110 2	1108	! <b>1</b> '
848	tob fp *	105 5	1080	108 7	1110	117.7	126 4						
				106 7									



Table 119. U.S. import price indexes, 1 1975-82—Continued

[June 1977 - 100 unless otherwise specified]

1974	Catazza		19	78	••		. 19	79			19	80	
SITC	Category	Mar.	June	Sept.	Dec.	Mar	June	Sept.	Dec	Mar	June	Sept.	Dec
8482	Plastic and rubber apparel (3/80 = 100), fob tp	¦ –	_	_	! —	<u> </u>		_		100.0	100.3	100.4	: 101.2
8510	Footwear, cif 2	108.0	109.1	114.2	: 117.8	124.3	130.9	134.1	135 5	137.6	1396	140.4	140.
8510	Athletic footwear, cif <sup>3</sup>	105.3	104.4	108.9	112.0	115.5	122.6	128.5	130.1	1326	134 6	. 135.2	134.4 :
87	Professional, scientific and controlling instruments and apparatus (12/79 = 100) 4	!	_	<u> </u>	! -	_			1000	: 102.5	104.6	105.5	106.0
871	Optical instruments and apparatus (12/79=100), fob fp	1	_	· -	: : <del></del>	: <del></del>	_		1000	103.5	105.8	: ; 111.2	111.
872	Medical instruments and appliances (12/79=100), fob fp	1	! _	İ _	<u> </u>	:	_			'		104.7	1
874	Measuring and controlling instruments and apparatus (12/79=100), fob fp		<u>.</u>	<u> </u>	<u> </u>	: <u> </u>		1	•			104.2	i
8748	Electrical or electronic measuring and controlling instruments and apparatus (12/79=100), fob fp		_		i 	: ! —				:	:	102.7	ļ.
88	Photographic apparatus and supplies, optical goods, watches and clocks (3/80=100) 4	1	_		<u> </u>	<u> </u>		· _	1	i	1	102.9	
881 882	Photographic apparatus and equipment (3/80=100) Photographic and cinematographic supplies	-	-	-	_	<u> </u>	! <u> </u>					103.2	
	(3/80 = 100)	<u> </u>		-	<u> </u>	: –			: -	100.0		103.2	
884 8841	Optical goods (6/80=100)	1	_	-	_	-	i -	·	· —	100.0	100.0	i	
8842	fob fp		-		_	-	! -	_	į		ļ	103.9	
885	fob fp	_	i	_	i		: -		i _	1	100.0	101.5	
8851	Watches and clocks (3/80 = 100), fob fp 5			_	_		_		_			103.8	
8852	Clocks, clock movements and parts (3/80 = 100), fob fp <sup>8</sup>		_	_	: : —	! : _	<u> </u>	_		1	99.9	!	98.
00				i	!	!			!	<u> </u>	<u> </u>		¦ _
89 89	Misc. manufactured articles, n.e.s. (8/82=100) 4	Ì	-		_			: -	! _				
894	coins (6/82=100)		-	-	, –	-	. <del>-</del>		!	-	1		ì
034	10b fp 4		_		,	_	_	· –	:	-	; -	<b>—</b>	100.
8942	Toys and games (12/80 = 100), fob fp	<b>—</b>	-	-	-	! -	· —	! -	. –	; <u> </u>	! -	<u> </u>	100.0
8947	Sporting goods (3/81 = 100), fob fp	-	-	_	_	! -	; –	. –	i	-	-	<u> </u>	-
896	Works of art, antiques, collectors' pieces incl. gold and silver coins:					į	:	į				i i	!
89605	Collectors' pieces incl. gold and silver coins (6/82=100)	_	_	-	-	_	-		-	-	_	! -	-
898	Musical Instruments and accessories; record blanks and phonograph records (9/79 = 100)		_	! -	-	-	_	. 100.0	^ 3		81.4		84.
898	Musical instruments (3/81 = 100) <sup>3</sup>		_	=	-	-	<u> </u>	: _	· –			_	-
2	: Crude materials:	ļ		•	!	1	;	:	ļ	•	•		ĺ
24	Cork and wood (9/81 = 100) 4	_	_	_	ļ	_	. –	<del>.</del>	: <b>-</b>	; -		: -	-
248			! -	! -	_	·	·						-
2482			119.0	120.7	122.9	132.2	130.6	145.9	123.4	121.0	1102	111.8	114.
25		! -	-	-	: -	: -		; <del></del>		i _	_	. –	-
2517 9		_	_	_		-			-	, <u> </u>	-		
971	Gold, nonmonetary (8/82=100)	-	-	-	-	_	-	_	-	! -	-	-	-



Table 119. U.S. import price indexes, 1 1975-82—Continued

[June 1977 ~ 100 unless otherwise specified]

974 ITC	Category		198 1	31 ·· ·· <sub>1</sub>			. 19	B2 ·	
		Mar.	June	Sept.	Dec.	Mar.	June :	Sept.	Dec.
	All commodities (9/82 = 100)		:	_	<b>-</b> :	<u> </u>		100.0	99
	All commodities, except chemicals (9/81 = 100) a	-	<b>-</b>	100.0	101.4	100.3	99 2	98.7	98
	Food (9/77 = 100)	104.8	97.8	98.8	96.5	96.5	915	94.1	96
01 011		148.2	142.4	144.8	144.0	141.3	141.6	142.2	143
-	(9/77 = 100) 4	167.8	160.7	161.2	159.0	157.2	158.7	158 0	159
0111		183.4	172.1	169.6	166.9	165.9	165.3	160.7	161
014	n.e.s.; fish extracts 4	114.3	111.0	117.6	1 19.3	114.5	112.6	115.9	116
0149		: 1	111.2	118.0	119.7	114.6	112.6	118.1	118
03 034	Fish 4	134.8 135.5	134.8 134.2	130.2 129.1	133.2   129.8	136.0 129.4	135.8 125.0	133.5 119.9	13: 12
036	Shellfish, fresh, chilled, frozen, salted, or dried, cif	132.6	134.8	129.2	135.2	143.5	149.0	150.4	15
037	Fish in airtight containers (9/77 = 100), cif	116.1	115.2	116.5	117.1	112.7	109.2	104.4	10
0371 0372	Fish prepared or preserved n.e.s. (9/77 = 100)	128.1	121.8	120.5	120.6	114.2	109.7	106.1	10
0372	n.e.s. (9/77 = 100), cif	121.1	127.5	134.2	136.0	134.5	132.0	124.2	12:
04	Grain and grain preparations (9/77=100)	139.7	138.1	138.8	140.5	138.5	137.4	132.8	12
05	Fruits and vegetables 4	128.3	126.5	126.3	125.2	125.9	111.9	115.6	129
058	Vegetables, roots and tubers, prepared or preserved,			İ				-	
057	n.e.s Fruit and nuts (not including oil nuts, fresh or dried 4	115.5 155.3	114.3 157.4	112.7	113.1	114.5	109.9	111.3	10
0577	Edible nuts, fob fp		135.5	158.2 133.5	160.6 122.8	164.6 123.3	157.4 103.7	160.0   107.6	15 10
058	Fruit, preserved, and fruit preparations 4	108.8	113.1	114.2	114.8	119.8	120.8	120.3	12
0589	Fruit, temporarily preserved, fob fp	114.0	114.7	114.8	113.8	118.8	119.4	119.1	12
06 07	Sugar, sugar preparations and honey (3/82=100)	51.9	47.6	48.0	-	100.0	82.7	113.0	11 5
071	Coffee and coffee substitutes 4	53.3	47.6 49.2	48.0 48.3	51.0 52.9	53.0 56.0	50.0 54.6	49.3 54.0	5
0711	Coffee, cif		47.9	47.0	51.5	54.4	53.1	52.5	5
074	Tea and mate 4	65.5	64.1	61.1	61.5	62.2	61.5	65.6	E
0741	Tea (9/77 = 100), cif		72.2	68.8	69.2	70.1	69.3	74.0	7
024	All other food items (9/77 = 100) 4	67.6 125.4	73.2 126.3	71.0 126.8	69.0 128.9	67.4 130.7	68.8 130.7	68.1 130.1	6 13
1	,	143.9			1	1	153.0	ĺ	15
11	Beverages and tobacco 4	143.9	147.7 147.7	149.5 149.5	150 4 150.4	151.5 151.5	153.0	153.9 153.9	15
112	Alcoholic beverages 4	143.9	147.7	149.5	150.4	151.5	153.0	153.9	15
1121	Wine of fresh grapes, cif	157.8	182.2	161.9	162.2	163.3	165.5	166.8	16
1123	Beer (9/81 = 100), cif		-	100.0	101.7	101.5	101.7	101.3	10
1124	Spirits, cif	151.8	158.9	163.0	164.0	165.7	167.2 100.0	168.4   99.5	16
333	Crude petroleum		267.6	261.3	262.1	257.2	253.8	253.3	25
341	Gas, natural and manufactured:			!	İ			ľ	
3414	Natural gas and LNG (9/81 = 100) 3	!	-	100.0	100.0	99.8	99.8	99.8	9
5		-	-	- [	-	-	-	100.0	10
6	Intermediate manufactured products (12/77 = 100) 4	145.4	143.5	142.9	143.2	142.0	137.8	135.1	13
61 611		144.0	139.2   131.7	141.0 135.9	144.3 138.2	139.8 134.4	135.8 127.9	137.3 131.5	13 12
62	Rubber manufactures, n.e.s. 4	148.4	147.2	147.1	147.7	148.8	148.7	147.9	14
625	Rubber tires and tubes, cif	148.6	149.4	149.5	150.2	151.6	152.1	150.7	14
63	Cork and wood manufactures 4		134.9	133.7	128.6	128.7	126.9	123.8	12
634 635	Plywood and veneers, cif	139.7 125.9	142.5 126.5	139.5	131.6   125.0	133.2 123 4	129.2 124.0	123.8   123.2	12 12
3359	Wood manufactures, n e.s., cif	1	120.5	127.2 122.5	117.9	116.7	115.9	115.6	11
64	Paper and paperboard products 4		141.8	148.2	148.3	150.4	149.9	149 1	14
641	Paper and paperboard 4		140.9	147.7	1477	149.8	149.7	148.8	14
65 65	Newsprint, cif		142 0	149.5	149.5	151.9 :	151.4	150.7	14
652	Woven cotten fabric, cif 5	137.0 122.1	135.5 [ 122.7 :	134.8 j 121.4 j	134.4 123.5	132.9 122.5	130.2 1196	127.7 116.5	12 11
653	Woven man-made fabric (9/78 = 100), cif 5		1135	117.6	117.8	115.9	110.3	108.8	10
654	Misc woven fabric, cif	151.9	144.7	142.9	137.9	131.9	128.1	130 0	12
657	Special textile fabrics and related products (9/77 = 100), in cif	145.0	142.0	141.1	141.7	143.7	144.1	137.5	13
658	Articles made up chiefly of textile materials	:		•	•	:	i	•	
ee	•	120.2	120.8	122 0	1198	117.8	116.1	114.7	11
66 665	Nonmetallic mineral manufactures, n e s	1408	139 3	137 1	139 5	139.7	1404	137 4	13
6 <b>6</b> 52	Glassware used for table, kitchen, etc. (9/79 - 100), tob to	1154	1143	112 4	1141	114.2	114.1	1118	110
			1 1 4 14	1124	, , , , ,				1 11



Table 119. U.S. import price indexes, 1 1975-82—Continued

[June 1977 100 unless otherwise specified]

974	Category		198	81	+	1	194 	0∠ 	
ITC	Category	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec
667	Precious, semi-precious stones and pearls	i	!	į	!	1	1		
6672	Diamonds, cut and polished (6/82 = 100), cif	<del>-</del> :	— i	;	<b>—</b> į	-	100.0	103.5	103
67	Iron and steel (9/78 = 100) 4	129.4 i	130.6	134.3	134.4	132.6	127.9	124.4	117
671	Pig iron, schegeleisen, sponge iron, iron or steel pow-		ł	i	;	i			
	ders and shot, and ferro-elloys (9/78 = 100), cif	138.7	136.5	132.9	131.3	131.8	131 2	129.6	117
672	Ingots and other primary forms of iron or steel,		1	i	1	į	I 1		
	(3/81 = 100), cif	100.0	102.2	103.8	102.1	97.6	93.8	85.6	
673	Iron and steel bars, rods, angles, shapes and sections 4	146.1	145.8	147.8	148.2	147.3	144.8	145.5	13
6731	Wire rod of iron or steel, Cif	117.4	116.9	116.7	115.4	115.6	111.4	110.4	10
	Wire rod of other than high carban or alloy steel,	117.4	110.5	110.7	113.4	110.0			. •
7311		144.0	145 1	145.0	144.6	145.6	139.9	138.8	13
	Cif	144.0	1451	143.0	144.0	145.0	100.0	150.0	
6733	Angles, shapes and section and sheet piling, of Iron	420.2	420.7	120.2	121.7	120.9	120.0	123.0	11
	and steel (9/78 = 100) cif	120.3	120.7	120 3					
674	Univers: plates and sheets, cif *	159.0	160.7	163.3	164.2	161.2	154.5	151.0	14
6747	Tinned sheets and plates (6/79 = 100), cif	118.4	119.8	120.2	121.3	121.2	121.3	121.2	12
675	Hoop and strip, hot-rolled or cold-rolled (12/78 = 100),			1		j			
	Cif	115.2	117.6	11/2	119.៦	118.5	117.5	116.6	11
	· '	_	1						
677	icon or steel wire, not insulated, cif	137.6	141.8	142.4	142.8	141.4	145.8	143.7	14
678	i ubes, pipes and fittings (3/78 = 100), cif	153.3	156.3	165.9	165.8	163.4	154.3	146.0	13
		i	ļ	.	400.0	00.0	074	042	
68	Nonferrous metals (12/81 = 100) 4	i	<b>–</b> I	- !	100.0	<b>96</b> .6	87.4	84.3	ε
681	Silver, platinum and other metals of the plating pup	Ì		i .					
	(3/82 = 100), cif		Ì	-	-	100.0	87.6	94.0	11
682	Copper 4	120.5	119.0	119.3	118 3	115.9	106.2	<b>9</b> 5.3	
6822	Copper, and copper alloys, worked , 100). Jum	138.0	131.4	130.5	129.3	126.4	123.0	123.0	11
686	Zinc 4	112.3	119.9	127.1	122.9	114.8	97.8	101.7	10
	Zinc and zinc alloys, unwrought, cif	112.2	119.6	126.7	122.8	114.2	97.4	101.4	10
6861				1	. 1	125.2	108.2	98.5	
687	Tin (12/77 = 100), cif	121.5	112.8	122.9	128.8				
69	Metal manufactures, n.e.s. 4	129.1	127.7	125.9	127.3	126.2	125.1	121.9	12
693	Wire products and fencing grills (9/78 = 100) 4	106.4	106.3	106 ນ	106.7	106.7	106.8	104.1	10
6931	Stranded wire, cables, ropes, etc. of iron, steel,	Ī							
	copper or aluminum (6/80 = 100), cif	97.4	97.8	98.1	97.9	98.2	98.9	96.6	1
694	Metal fasteners, cif 4	126.6	126.5	126.4	127.7	127.3	1 <b>2</b> 3.2	119.0	1 '
9402	Nuts, bolts, screws, washers, etc., cif	126.4	125.7	124.4	125.9	125.4	121.4	117.3	1.
			131.2	130.9	133.8	133.1	132.6	132.5	1:
695	Tools for use in hand or machines *	128.9						122.1	12
6953	Misc. tools for use in hand, cif	126.9	124.8	123.9	,24.6	124.1	122.4	122.1	'4
6954	Interchangeable tools for hand tools or machine tools			. !					
	(6/80 = 100), cif	104.1	112.1	112.8	117.9	117.7	118.8	119.5	11
696	Cutlery, tob fp	118.7	116.6	114.1	116.4	115.1	114.6	107.7	10
697	Household equipment of base metal, n.e.s., fob fp	131.0	130.1	124.8	126.9	126.6	125.5	122.6	12
699	Manufactures of base metal, n.e.s. (12/80 = 100) 4	101.8	97.9	95.5	96.4	94.6	95.0	92.2	
6991	Locksmith's wares and hardware, n.e.s., of base	Î							
	metal, cif	140.3	138.4	138.4	141.8	136.9	138.2	135.6	14
6997	Articles of iron or steel, n.e.s., cif		121.2	116.7	116.2	113.6	114.6	110.0	10
0997	Articles of front of steel, n.e.s., cir	1270	16.1.6.	110.7	.,0.2	1 10.0		i I	
7	Machinery and transport equipment (6/81 = 100) 4	-	100.0	98.5	103.0	103.0	103.2	101.6	10
716	Electric motors, generators, and other rotating plant	115.3	114.9	114.9	122.6	122.1	123.1	131.8	1:
72	Machinery specialized for particular industries	110.0							
, _	(9/78 = 100) 4				100.0	102.3	102.7	100.5	9
700			_	1	100.0	102.0	102.7		
723	Civil engineering and contractors' plant and equipment			1000	400 E	1044	105.8	105.5	1 10
	and parts (9/81 = 100), cif	407.0	4 ) 4 0	100.0	102.5	104.4	i	1	,
724	Textile and leather machinery and parts 4		134.8	132.1	137.0	136.5	1.5.4	132.5	13
724	Textile machinery and parts (3/80 = 100), fob fp 5	103.5	100.6	98.4	101.7	101.3	101.1	100.1	
7243	Sewing machines, fob fp	126.3	125.1	122.4	128.0	127.1	126.4	121.4	1
7244	Spinning, twisting etc machines and parts		l	!					
	(3/80 = 100), fob fp	103.9	101.0	98.6	102.2	100.6	101.2	102.1	10
7245	Weaving, knitting etc. machines (3/80 = 100), fob fp	102.8	101.9	101.2	105.3	106.6	101.7	97.9	•
7246	Auxiliary machines and parts for 724.5 (3/80 = 100).							I	l
	fob fp	103.6	100.5	97.0	100.4	98.7	102.2	100.7	10
7247	Textile finishing machinery (6/80 = 100), fob fp			90.2	91.1	92.4	92.5	90.3	•
728	Machinery specialized for particular industries, n.e.s.:		51.0					[	1
, 20			100.0	98 0	100.7	104.1	104.4	102.5	10
	(6/81 - 100). fob fp		100.0	800	100.7	104.1	104.4		1
73	Metalworking machinery (3/80 = 100) 4	102 7	98 3	94.4	99 1	97.7	100.8	96.4	9
736	Metalworking machine tools and parts (3/80 = 100)	104 6		1	101.6	100.5	103.9	99.8	
736	Metalworking machine tools and parts (5760 = 100)	141.7			135.9	134.4	139.1	133.6	10
			1333	150.5	100.8	7.7.7	100.1	100.0	١ '`
736	Parts, nes of metalworking machine tools		05.7		400.0	104.0	104.0	99.7	
	(12/79 = 100) fob fp 3	98.9	95 7	927	102.0	101.2	104.0	<b>79.</b> /	١ ١
7.4	General industrial machinery and parts (6/81 - 100),						i	İ	Ì
74		:	100.0	00.0	99 3	98.8	98.2	95.7	,
	n e s 4	_	100.0	, 9 <del>6</del> .2	59 3	90.0	1 50.∠	05.7	١ '
741	Heating and cooling equipment and parts, nes					A		i	1 .
	(6/80 - 100), fob fp	<b>99</b> 9	98.9	. 960	97 7	973	983	ರ⊸.೮	1
7416	Machinery that treats materials by a process involving						}	94 3	
7410		109 3	100 6	99.3	100.4	98.8	98.7		i i



[June 1977 = 100 unless otherwise specified]

974   ITC	Category	· <sub>-</sub> · · · - <sub>1</sub>	198	•			19	•	_
-		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec
742 743	Pumps for liquids and parts, n.e.s. (6/80 = 100), cif  Pumps, compressors, fans, blowers, centrifuges, and filtering apparatus and parts, n.e.s. (3/80 = 100),	112.3	111.0	108.2	109.6	105.8	96.3	95.1	9
743	fob fp	103.8	100.2	95.4	96.6	97.3	96 9	95.7 <sub>:</sub>	9
7434	parts, n.e.s. (6/80 = 100), fob fp	102.3 96.4	103.1 90.6	99.1 87.8	101.4 92.2	100.8 89.9	99.1 91 <b>.3</b>	96.2 91.5	9
744	Mechanical handling equipment (3/82 = 100), tob tp	30.4	30.6	- I		100.0	101.8	99 6	į
745 7451	Misc. nonelectrical apparatus, n.e.s. (9/80 = 100)	100.5	95.9	89.9	92.1	91.9	92.1	89.7	
7 <b>45</b> 2	fob tp	101.2	97.9	94.4	95. <b>3</b>	93.9	94.3	91.6	
749	and parts, n.e.s. (3/80 = 100), fob fp	107.0	100.9	92.6	<del>96</del> .0	96.8	96.7	94.6	
7491	(12/79 = 100), fob fp 4	111.2	109.5	106.3	110.4	110.7	111.3	107 4	1
7492	fob fp Taps, cocks, valves and similar appliances for liquid	102.8	102.2	98.5	102.8	103.4	103.2	101.1	
7493	flow control (12/78 = 100), fob fp	142.7	141.2	135.8	138.5	140.3	142.4	136.1	1
75	fob fp	96.2	92.2	91.6	98.4	96.2	95 8 j	90.6	
/3	ment (3/80 = 100) 4	100.5	98.2	96.9	97.9	96.2	95.9	94.8	
751	Office machines, fob fp	102.4	101.0	97.3	98.4	97.3	96.9	94.5	
759	Parts, n.e.s. and accessories suitable for use in 751 or 752 (3/80 = 100), fob fp	104.0	102.1	100.1	101.6	99.7	98.9	98.7	
76	Telecommunications, sound recording and reproducing apparatus (3/80 = 100) 4	104.8	104.3	103.1	103.1	101.8	99.8	97.5 :	
762 764	Radio broadcast receivers, fob fp	107.7	105.8	105.1	104.3	102.5	98.0	95.3	
	sories for equipment in 78 (3/80 = 100), fob fp 4	104.4	104.3	102.8	104.0	12.8	101.8	100.2	
7 <b>64</b> 2	Microphones, loudspeakers and audic-frequency elec- tric amplifiers, fob fp	119.5	117.9	115.3	113.0	112.7	111.2	110 1	1
77 771	Electrical machinery and equipment (12/81 = 100) 2 Electric power machinery and parts, n.e.s.	_	l	-	100.0	98.7	98.1	98.5	
7712	(3/79=100) 2	113.7	114.4	113.5	116.2	1149	114.4	111.7	1
772	rectifiers and inductors, fob fp	121.8	123.7 122.2	122.7 118.2	124.6 124.8	123.3 123.3	122.5 123.1	120.5	1
775	Household appliances, fob fp 2	120.2	118.5	117.9	119.3	1159	114.3	113.0	i
7758	Electro-thermal appliances, tob fp	111.4	110.2	111.6	113.3	108 6	106 5.	105.8	1
778	Misc. electric equipment <sup>2</sup>	123.6	121.6	118.3	119,1 !	117.9	1173	113.5	1
7781	Batteries and accumulators (12/79 = 100), tob fp	111.0	109.3	106 1	105.7	103.0	103.2	101.7	1
7782 ∤		94.2	95.3	93 3	95.7 ,	93 6	93 7	89.5	
7783	Automotive electric equipment, fob fp	161.5	163.5	156.0	154.0	149.4	151.7	_	1
7788	Miscellaneous electric Machinery and parts, tob tp	125.6	121.6	118.9	120.5	120 6	118.7		
78 : 781 -			100.0	99 5 j	105.4	105 7	105.7	104 1	
784	· ==== · • · · · · · · · · · · · · · · ·	-	100.0	99.2	106.5	106.2	106.0	104.6	1
7849 ; 785		140 2	136.9	:34.0	137 7	1378	137 8	131.4	1
8539	Parts for cycles, not motorized, sob fp 3	134 5	131 7	127 8 :	•	135.0		130 6	1
8 8	Misc manufactured articles (3/80 100) 2  Misc manufactured articles excluding gold at 3 silver coins	101 5		99.7	101.0	100.1		101 9	1
8.	(6/82 = 100) <sup>3</sup>	102.0	101 8	102 6	104 1	104 1	100 0 104 6	98 1 101.4	
82	Furniture and parts (6/80 = 100)	102.0	98.4	96 1	101.5	100 9	101 1	99 5	
84	Clothing (9/77 = 100) 2	122 6	125 3	125 3	127.2	127 9	128 5	12C 8	1
842	Woven outerwear, men's and boys' 2	134.1	135 3	135.6	136 2	138.2	139 2	137 1	1
8421	Woven coats, men's and boys' (9/79 100), fob fp	109.0	109 3	1100	109 5	108 5	109.8	111 9	1
8423	Woven pants, men's and boys', fob to 1	129 0	1290	130 3	132 4	136 2	136 1	130 1	13
844	Woven undergarments <sup>2</sup>	139 8	1417	139 6	145 1	146 6	148 4	146 3	1
8441	Woven shirts, men's and boys', fob fp 1	140 6	1426	:40 4	145.8	147 1	148 9	146 8	1
845	Knitted outergear 2	128 9	1249	123 1	1273	127 0	129 2	128 4	1
8451	Knitted swearters, cif *	121.2	1184	118 2	1187	1184	120 7	119 4	1
846	Knitted undergarments <sup>2</sup>	128 9	129 5	130 5	131 9	1328	133 2	133 6	1
8452	Knitted cotton undergarments (12/79 100), fob fp	113 7	1139	115 0	120 2	1202	1199	113 7	1
848	Headwear and non-textile apparel 4	136 6	138 7	140 2	141 2	139 9	139 6	136 9	1
8481	Leather apparel, fob fp *	135 8	138 <b>8</b>	139 7	1413	139 2	1403	136 2	1
	Plastic and rubber apparel (3/80 (00), fob to	102 5	102 4	104 4	103.4	1039	102 7	102 6	1
8482	reastic and tubber apparel (5700 100), lob ip	102 3							



Table 119. U.S. Import price Indexes, 1 1975-82—Continued

[June 1977 = 100 unless otherwise specified]

1974			190	B1			19	82	
SITC	Category	Mar.	June	Sept.	Dec.	Mar	June	Sept.	Dec.
8510	Athletic footwear, cif <sup>3</sup>	136.3	133.4	132.0	131.4	131.4	129.5	127.7	130.9
87	Professional, scientific and controlling instruments and apparatus (12/79 = 100) *	107.5	105.4	100.5	104.5	104.7	104.7	101.2	98.5
871 872	Optical instruments and apparatus (12/79=100), fob fp  Medical instruments and appliances (12/79=100),	113.9	112.5	110. <b>a</b>	112.8	113.4	111.4	109.2	107.2
į	fob fp	101.3	98.2	95.6	99.4	97.2	98.2	94.0	93.1
874	(12/79 = 100), fob fr	107.9	106.1	100.2	104.6	104.8	105.1	101.2	97.7
8748	Electric or electronic neasuring and controlling instru- ments and apparatus (12/79:=100), tob fp	107.6	106.3	100.9	104.2	105.2	105.9	101.9	100.3
88	Photographic apparatus and supplies, optical goods, watches and clocks (3/80 = 100) 2	103.9	102.0	98.7	100.9	97.7	95.7	91.9	90.6
881	Photographic apparatus and equipment (3/80=100)	107.5	105.8	103.2	104.1	101.8	98.0	93.5	92.2
882	(3/80 = 100)	112.0	112.6	110.6	110.8	105.3	105.5	104.6	104.7
884		101.6	99.4	\$6.3	98.9	97.7	96.8	91.7	90.0
8841	Optical elements, lenses, prisms (3/80 = 100), tob tp	107.6	104.3	100.7	103.3	102.0	100.0 95.8	92.6 93.3	90.6 92.0
8842	Spectacles and spectacle frames (3/80 = 100), fob fp	97.4	96.5	93.9	96.7	95.5	87.0	83.0	81.2
885	Watches and clocks (6/80 = 100)	97.1	93.8	89.5	93.3 94.3	89.7 90.0	86.3	81.7	79.6
<b>8</b> 851	Watches and clocks (3/80 = 100), fob fp 4	98.9	95.1	90.1	94.3	90.0	66.3	01	76.0
8852	Clocks, clock movements and parts (3/80 = 100), fob fp 4	96.2	94.0	91.3	94.1	92.2	91.9	89.1	87. <b>8</b>
89	Misc. manufactured articles, n.e.s. (8/82 = 100) 2		_		_	_	100.0	109.9	110.2
89	Misc. manufactured articles, n.e.s., excl. gcld and silver coins (6/82 = 100) 3	_	_		_	_	10%3	98.3	95.8
894	Trys, games and sporting goods ( $12/80 = 100$ ) fob fp <sup>2</sup>	101.3	100.7	100.5	101.9	101.5	101.5	101.1	99.7
8942	Toys and games (12/80 = 100), fob fp	101 4	101.3	100.9	:02.4	102.0	102.3	101.8	99.7
8947	Sporting goods (, '81 = 100), fob fp	100.0	97.6	98.2	99.5	99.0	97.2	97.4	98.3
896							<u> </u>		
98605	Collectors' pieces incl. gold and silver coins (6/82 = 100)	_	_	_	_	_	100.0	133.1	137.0
898	phonograph records (9/79 = 100)	84.8	81.6	79.6	806	81.8	80.5	76.1	74.1
898		100.0	96.6	94.2 100.0	97.4 98.8	97.3 93.4	98.3	92.2 93.5	93.4
2	Crude materials:	į		400.5	05.0	04.0	95.7	94.8	99.4
24	Cork and wood (9/81 = 100) 2		_	100.0	95.8	94.0 93.7	95.7 95.4	94.4	99.6
248	Hardwood and softwood lumber (9/81 = 100) 2	-	1157	100.0	95.3 105.1	103.2	105.4	104.3	110.7
2482	Lumber, conifer, cif		115.7	110.6	100.0	100.0	96.0	89.0	82.2
25	Wood pulp (12/81 = 100) 2	_			100.0	100.0	95.2	88.0	81.2
2517 9	Sulphate or soda wood pulp (12/81 = 100), cif	Į.	-	:	100.0		100.0	133.1	137.0
9/1	Gold. nonmonetary (6/82 = 100)	<u> </u>	1 -	_	i –	i –	100.0	1	101.0

 $<sup>^{\</sup>rm 1}$  Indexes have been weighted using 1980 import value and product classificat in system

NOTE: Dashes indicate data are not available.



<sup>&</sup>lt;sup>2</sup> Data for the following SITC categories before 1975 are available on request 62, 6411, 67311, 674, 677, 694, 6953, 696, 716, 772, 844, 8441, 8510, and 2482

<sup>&</sup>lt;sup>3</sup> Product categories included in this SiTC have been modified due to concordance or coverage limitations.

<sup>4</sup> Also includes price data in categories not shown separately.

<sup>\*</sup> Products in this SITC have been classified according to the Schedule A classification system of the U.S. Bureau of the Census.

n.e.s.—Not alsewhere specified.

n.a.-Not available.

cif-Cost, insurance, and freight.

tob tp-Free on board, foreign port.

r-Revised.

Table 120. U.S. export price indexes for selected categories of goods, 1 1975-82

[June 1977 = 100 unless otherwise specified]

974	Category		19	752 ,	<del>,</del>	<u> </u>	19	76		ļ	19 	77	.,
SITC		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	ָם :
04	Grain and grain preparations (3/80 - 100) a		<u> </u>	! —	_	! _	_	_	_	İ _	_	_	
041	Wheat (3/80 = 100)	. –	_	! -	:     –		l –	_	l –	_	_	-	
0411	Hard amber durum wheat (3/80 = 100), fob vessel,	; —	_	i –	_	-	<b>—</b>	_	_	! -	-	<u> </u>	;
4121	Hard winter ordinary wheat (3/80 = 100), fob vessel		-	<u> </u>	! -	-	<b>i</b> —	<b>–</b>	-	-	_	: _	i
4122	Soft red winter wheat (3/80 = 100), fob vessel		-	! -	!	_	-	-	-	-	-	-	1
4123 4124	Dark northern spring wheat (3/80 = 100), fob vessel.		-	<b>-</b>	·	-	_	-	-	_	_	: —	
0430	Western white wheat (3/80 = 100), fob vessel	_	_	; —	! -	-	_		_	-		_	1
0440	Yellow corn (3/80 = 100), fob vessel		_			_				_		_	
4592	Yellow sorghum (3/80 = 100), fob vessel		_			i	! _	_			_		
05	Vegetables and fruit:		1			1				l		i i	
0544	Tomatoes, fresh, fob fac		-	-	108.9	130.3	137.4	117.3	106.0	120.8	100.0	99.8	11
0577	Edible nuts, fas	•	-	! <b>-</b> i	-	-	-	-	_	-	100.0	100.9	10
)579		i –	<u> </u>	_	-	-	-	_	! -	-	100.0	108.4	1
08 0819	Feed stuff for animals: Food wastes, prepared animal feeds (8/78 = 100), fas	ļ	<u> </u>		[	l				l			
	The second secon	-	_	_		_	_	_	_	-	i –	_	
2 21	Crude materials:		l									ĺ	
211	Raw hides and skins (6/80 = 100)		68.7	66.3	78.1	96.5	101.4	109.4	87.8	103.1	100.0	09.5	1
212	Raw furskins (6/80 = 100)		00.7	60.3	76.1	86.5	101.4	109.4	07.0	103.3	100.0	98.5	<b>'</b> '
22	Oilseeds and oleaginous fruit (9/77 = 100) 3	I	_	_	_	_	_		_		_	100.0	į.
222	Soybeans (3/80 = 100), fob ve	_	_	_	_	l _	_	_	_	_	_		
24	Cork and wood 3	. –	-			<b>–</b>	_	-	_	! -	100.0	101.7	1
821	Logs, sawn lengthwise, fr 3 (3/80 = 100)	! -	-	_		٠ –	95.4	97.8	100.1	100.6	100.0	105.3	
26	Textile fibers 2		_	_	-	I -	! –	_	-	112.7		84.5	
26ა 1631	Cotton 3		-		80.8	-	-			116.8		80.1	
27	Paw cotton, fas	08.4	69.8	75.2	80.8	88.6	101.1	109.0	115.9	117.0		79.9 97.4	
271	Crude fertilizers 3	_					_	_		_	100.0	92.3	
713						_	_	113.5	109.0	99.7		92.3	
782			_		_	_	_	_		_	100.0	101.5	1
28	Metalliferous ores and metal scrap:	ĺ	i				İ						
820	Scrap metal of iron or steel (6/77 = 100), fas	_		_	_	-	_	_	-	_	100.0	<b>86</b> .0	
3	Mineral fuels:		ļ										
222	Bituminous coal (6/: 1 = 100), fas	_	!			i –	_	_	_		_	_	
5	Chemicals:	1	ĺ						}				
511	Hydrocarbons, n.e.s. and their derivatives (12/78 = 100),	į	i		i .								
	fas	_		_			_		_	_		_	
512	Alcohols, phenols, phenol-alcohols, and their deriva-	i											
	tives, fas	107.2	101.2	104.5	99.7	99.2	101.8	99.9	97.6	99.0	100.0	102.5	1
513	Carboxylic acids, and their anhydrides halides, perox-	1											
	ides and peracids, and their derivatives, fas	! —			_	_			-		100.0	98.4	١,
6	Intermediate manufactured products (9/81 = 100) 3		_			İ _	_	_	_	_	100.0	50.7	'
61	Leather and furskins (9/79 = 100)		_	_	_	l _			_			_	
62	Rubber manufactures 3	i —	_			_	_	_		_	100.0	100.5	1
625	Tires and tubes (6/79 100), fas		<u> </u>		-	-	_	_		_	_	_	
628	Articles of rubber, fas			;	-	95.0	95.2	_ 95.1	95.9	97.6	100.0	100.8	11
64 641	Paper and paperboard products (6/78 = 100) 3	. —	_	1	- 1	_	_	_	_		_	_	
412	Paper and paperboard (12/78 = 100) 3 Printing and writing paper (3/81 = 100), fas		_	- :		_		_	-		_	_	
413	Kraft paper and paperboard, fas				!	1173	118.1	113.4	106.8	105.7	1000	98.0	,
415	Paper and paperboard, fas			_ ;	_	91.2	93.6	94.5	95.1		100.0		:(
65	Textile fabrics and related products	ī	. 1	į						00.0	, , , , ,	, , , , ,	
653	Man-made woven fabric (12/78 - 100), fas	· —	-	'	- !	_	_	_		_		<del>-</del>	
66	Non-metallic mineral manufactures.		;										
665	Glassware			— i	<b>-</b> į	_ ;	-		-	-	100.0	101.5	10
67 67 <b>5</b> 0	Iron and steel (3/82 100) 3			<del></del> .	:	-	93.4	05.0	08.5	96.4	1000	101.7	٠.
785	Hoop and strip, of iron or steel, fas  Tube and pipe fittings of iron or steel fcb fac		80.1	80.5	812	92.1 81.5	93.4 82.4	95.0 83.5	96.5 83.6		100.0		
		JJ. 1 ,	50.1	30.5	V . E		JE.7	50.5	55.0	J5	, 55.0	, 50.1	Ι.,
68	Nonferrous metals (9/81 · 100) 3		:	'	- '		-	-	-	_	<u> </u>		!
681	Silver, platinum and other metals of the platinum group	: (	į	•	•	İ							!
682	(9/81), fas Copper (6/79 100) <sup>3</sup>		_ ;		_	(	_	_		_	_ [	_	
822	Copper and copper alloys, worked, fas		101 4	102 1	1029	102 1	1020	101.9	100 5	101 2	100.0	₽8.5	٤
683	Nickel (6/79 100), fas	_ :				-		_			. 55.5	-	ľ
684	Aluminum (9/81 100)	<del>-</del>	_ ;	- !	_		_	_ ;		_	!		
<b>6</b> 9	Metal manufactures, n.e.s. (3/82 - 100) 1		-!	- j		-	-	-	- i		}		l I
924	Containers of iron, steel or aluminum, used for			!		i	Ì	1	1	;	ı		i
	moving or packing goods, las	91.2	90 4	90 4	904	923	92.8	93 7	948	98.6	100.0	103.8	10
694	Metal fasteners, fas	95 2	95 8	958	958	974	978			S+3			
									96.2				



Table 120. U.S. export price Indexes for selected categories of goods, 1 1975-82—Continued

[June 1977 - 100 unless otherwise specified]

74 :			197		· •	•	19				19	1	! _
TC :		Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Di
953	Other tools for use in hand	¦ !	_			:		_	_		100.0	101.2	10
899						! .				•			
991	Locksmiths' wares, safes, etc. and hardware, n.e.s,					٠ .		'		:	1000	103.1	10
997	of base metal, fob fac		_	_	_	<u> </u>	_	_	_			100.7	
		_				;		I					
7	Machinery and transport equipment, excluding military and commercial aircraft (12/78 = 100) 4	_		_	· _		_		_				
71													
• •	(12/78 -: 100) <sup>3</sup>		_	-	-	!!	_	-	-	_	-		Ì
13													
39	(12/78 = 100) 3 Parts of internal combustion piston engines, fas		91.7	93.9	94.7	97.1	96.3	97.5	97.8	98.9	100.0	105.8	10
16	Electric motors, generators, and other rotating plant,	01.0	J	0.5.5					l l			:	
. •	fob fac	89.5	92.4	93.9	90.3	90.6	92.9	96.0	96.9	100.9	1 <b>0</b> 0.0	101.8	10
72	Machinery specialized for particular industries	İ				i							
-	(9/78 = 100) <sup>3</sup>	-		_	-	-		-	_	-	-	_	ļ
21	Agricultural machinery (excl. tractors) and parts											_	
211	(9/78 = 100) 3 Agric, machinery for preparing and cultivating the soil	-	_	_	-	_	_	_					
	(8/78 = 100), fob fac	_		_	_		_	_	i –	_		_	
212	Harvesting and threshing machinery, agric. produce	1									100.0	100.5	
	graders and parts, fob fac	-	_	_	_	-	_	_	_	_	100.0	100.5	''
22	Tractors fitted or not with power take-offs, winches or pulleys, fob fac	_	_	_	_	<u> </u>	-	_	_	_	100.0	101.5	11
23	Civil engineering and contractors' plant and equipment						!					4040	
	and parts <sup>5</sup>		-	_	_	90.9	92.5	93.2	97.7	99.0	100.0	101.9 100.8	
234	Construction and mining machinery, n.e.s		83.7	84.8	86.9	89.7	89.7	91.3	95.7	98.8		102.3	
24	Textile and leather machinery and parts (3/79 = 100) 3	•	_	_	_	_		-	-	_	_	_	
24	Textile machinery, excl. 72449, 72454, and 7248			İ						•			
	(8/79=100), fob fac 4	-	-	-	_	_	_	_	_	_	-	_	
247	(8/79 = 100), fob fac	_	_	_	_		i –		_	_	_	_	İ
726													
	(9/78 = 100) fob fac	-	-	_	_	_	_	-	-	_	-	_	
728	Machinery specialized for particular industries, n.e.s., fob fac 3	89.3	90.3	90.9	92.6	93.6	96.8	98.0	99.1	99.5	100.0	100.4	1
284	Machinery and mechanical appliances, n.e.s.									!			
70	(6/80 = 100) fob fac		=			_		_	_	_	_	_	
73 7 <b>36</b>	Metalworking machine tools and parts (6/78=100), Metalworking machine tools and parts (6/78=100),		-								1		
-	fob fac	-	_		-	<b>–</b>	-	<u> </u>	-	-	-	-	1
74	General industrial machines and parts n.e.s.			<u> </u>	ĺ		ĺ				!	ļ	
• •	(9/76 = 100) <sup>3</sup>	. –	-	-	_	_	_	-	-	_	-	_	
741					_	_	l _	_	_	_	_	_	
741	(8/78 = 100), fob fac		92.8	93.3	94.7	95.5	94.8	96.7	98.1	98.8	100.0	102.1	1
741	Heating equipment and parts, n.e.s. (6/78=100),	Í			İ	Ì	ļ						
	fob fac 4	-	-	_	_	_	_	_	_	_	i _	_	
742 743	· · · · · · · · · · · · · · · · · · ·	-	_	_	-					İ			
0	apparatus and parts n.e.s. (6/78=100) fob fac	.1 —	-	-	j	-	-	-	-	-	_	<b> </b>	
743	Centrifuges and filtering apparatus (6/81 = 100) 4	_	_	-	_	-	_	_				_	
744	Mechanical handling equipment (6/78 = 100) fob fac 5	-	-	_	!	-	-	_				:	
441	owered industrial trucks (8/78 = 100), fob fac		_	_	-	-	-	-	-	_	!	_	
745	one ratus and parts, n.e.s., (12/80 = 100)		_	! _		_	-	-	_	-		i –	
151	Motorized nonelectric hand tools (8/78 = 100) fob fac	_	ļ	· –	į –	<u> </u>	-	<u> </u>	-	ı —	<u> </u>	-	
452			!	!		!	•	i 		: _	100.0	101 8	1
749	ery and parts, n.e.s., fob fac	-	-	_	i -	-	_		-	_	1000.0	;	1
. 73	(6/79 = 100) 3		; <u> </u>	_	<u> </u>	: _		-	! -	: <b>-</b>		_	1.
491	Ball, roller and needle roller bearings, fas	.! —	-	-	-	; -		i -	<u> </u>	<u> </u>	100.0	100.0	1
492	Taps, cocks, valves, and similar appliances for liquid flow control, fob fac	1	-	! _	:	· —	_	: _	!	-	100.0	100.4	1
		1		!		:		:	;		:	I	
493			!	· —	; <del>-</del>		٠	: -	:	:	-	i -	
<b>49</b> 3	fac		1							•		;	
493 75		1	i	•	:		:		•	:	100.0	i 99.4	•



Table 120. U.S. export price indexes for selected categories of goods. 1975-82-Continued

[June 1977 100 u less otherwise specified]

1974	Catagoni	<u> </u>	10	75 2	<b>41</b> m . m.	:	19	76		!	. 19	77	
SITC .	Category	Mar.	June	Sept.	Dec	Mar.	J <b>e</b>	Sept.	Dec.	Mar	,¹une	Sept	Dec
759	Parts. n.e s and accessories suitable for use with ma- chines in 751 or 752 (6/78 100), fob fac			!	! ! !	<u> </u>					•		
76	Telecommunications, sound recording and reproducing equipment 3	ι	_		97.5	98.2	98.3	99.8	99.5	00.7	100.0	101 2	1020
764	Telecommunications equipment, n.e.s., parts and accessories for equipment in 76, tob fac	!	_	_	07.5	J0.2	30.3	33.0	98.5	! !		101 2	
77	Electric machinery and equipment 3	ļ	1 136.5	: , 133.1	¦ : 117.2	i	1353	ļ	104.4	ı			
771	Transformers, rectifiers, and other non-rotating power machinery	;	91.6	i	l			!			:	· 101.5	
772	Electrical apparatus for making, breaking and protecting electric circuits, fob fac		92.1		:	92.1	96.0		<b>[</b> ]	! !	ĺ	103.2	
774.	Electrical apparatus for medical and radiological equip- ment:		!										:
7741	Electric medical apparatus except radiological appara- tus (12/80 = 100), fob fac	_	_	_	_	_	_	_	_	  -	! 	<u>.</u>	: 
775 7757	Household appliances, fob fac 3	92 1	93.5	93.9	94.5	95.4	96.1	97.0	97.4	98.8	100.0	102.0	102.4
7758	ances, fob fac	93.9	94.1	33.9	93.9	95.0	96.1	96.3	96.4	98 2	100.0	101.2	101.6
776 ·	Electronic components including tubes and semicon- ductor diodes, transistors and integrated circuits,									_		! !	!
7763.	fob fac <sup>3</sup>	177.9	180.3	172.9	140.4	173.6	175.1	164.3	111.6	105.2	100.0	95.2	84.9 !
7764	vices and photocells, fob fac  Electronic microcircuits including integrated circuits,	97.5	105.9	105.1	108.1	108.9	109.6	106.1	98.2	99.9	100.0	101.8	99 3
778	fob fac		198.8 91.3	1 <b>90</b> .0 92.5			192.2 95.9	173.8 96.0	112.5 95.5	99.1	100.0 100.0	98.3	80 2
7783 . 77831 :	Automotive electrical equipment, fob fac  Electrical starting and ignition equipment for inter-		_	_	_	-	_	92.0	92.0	97.5	100.0	104.3	106.0
7784	nal combustion engines, fob fac		84.8 81.8	89.4 83.5		90.5 88.4	92.8 89.9	92.0 90.1	92 0 90.1	97.5 99.8	100.0 100.0	104.3	106 0 1100.4
7788	Miscellaneous electrical machinery and parts, fob fac	89.1	94.4	94.9	95.3	96.3	97.1	97.4	96.5			96.0	
78 7810	Road vehicles and parts (3/80 == 100) *	_	_	_	_	=	_	_	_	_	<u> </u>	!	: -
784 79 79	Parts and accessories for road vehicles, fas  Other transport equipment:  Other transport equipment, excl military and commercial	90.2	90.1	90.6	91.7	92.2	95.8	96.7	97.9	98.9	100.0	107.5	: 108 3 I
792	aircraft 4	843	85.5	87.4	90.5	91.5	92 4	93.3	96.5		1	101 3	
<b>792</b> 9	Parts for aircraft and spacecraft, fob fac	83.8	87.4	88.0	<b>90</b> .0		918					100.1	
8 87	Other manufactured articles:  Professional, scientific and controlling instruments and apparatus **										100 C	1008	, ,
872	Medical instruments and appliances (6/78 = 100).	!	_	_	_		_	_	_	_	1000	100 6	102.0
874	Measuring, checking, analysing and controlling instru- ments and apparatus <sup>3</sup>	!			_					_	100.0	100 9	· 102 0
8743	Nonelectrical instruments for measuring or controlling flow, depth, pressure of liquids, gases or tempera-		,    -										-
8748	ture, fob fac  Electrical or electronic measuring, analysing, or con-	AF.J	88.8	89.8					958				
88	trolling instruments, fob facPhotographic apparatus and supplies, optical goods,	i	93.0	93.3	93.8	94.6	95.6	96.4	96.6	98 9	100.0		
89 893	watches and clocks (12/77 100)	_		-		-	-						100 0
894	(3/81 100). fas  Toys, games and sporting goods (6/81 = 100) 1					·	<del></del> .	-					·-
8942	Toys and games (3/81 100), fob fac		_ ;	_	_		'		-	_		_	
8947 895	Sporting goods (6/81 100), fob fac		· —					! :	-			·	_
8952 898	Pens, pencils and fountain pens, fas (9/81 - 100) Musical instruments and accessories, record blanks and		. — ·	   	- 	·	- ;	-	-	;			- ·
898	phonograph records (3/81 100)	_ _	. —     —	<del>-</del>			į		-   -	- !	· i		· <u>-</u>

Table 120. U.S. export price indexes for selected categories of goods, 1975-82—Continued

[June 1977 - 100 unless otherwise specified]

974	0-1	' } ;	19	/B 		,	19	19	,	•	. 19	80	
itĊ	Category			Sept.	Dec	Mar	June	Sept.	Dec	Mar	June	Sept.	De
04	Grain and grain preparations (3/80 = 100) 3	_	i	:	_ !	_	:	_	_	· 100 0	93.9	116.2	121
041	Wheat (3/80 = 100)	·		- :	- ;		_	_		100 0	92.3	104.7	112
)411	Hard amber durum wheat (3/80 = 100), fob vessel	· :	<b></b> .	— i	_ :	'	_ :			100 0	108.4	138.5	130
121	Hard winter ordinary wheat (3/80 = 100), fob vessel.	:		i	i	}	_			100 0		102.5	
1122	Soft red winter wheat (3/80 = 100), fob vessel				1	1		-	_	100 0	86.3	103.5	112
1123	Dark northern spring wheat (3/80 = 100), 10b vessel	· _ ·	!	!	;		_	_	-	100.0		111.5	
124	Western white wheat (3/80 = 100), fob vessel	¦'	:	<u> </u>				-		100.0		95.1	
430	Barley (3/80 = 100), fob vessel	! '		i					_	100.0	94.2	111.5	14
440	Yellow corn (3/80 = 100), fob vessel	·	_ 1	;	:	_	-			100.0		128.7	
592	Yellow sorghum (3/80 = 100) tob vessel	:	;	_				-	_	100.0	97.0	123.6	12
05	Vegetables and fruit:	!	1		1						•		:
544	Tomaloes, fresh., fob fac	114.4	136.1	104.4	92.5	116.4	134.6	109.7	127 0	139.3	135.8	134.0	. 9
577	Edible nuts, fas	, 113.7	116.5	145.2	162.9	165.6	190.6	159.2	156.2	164.9	, 160.4	: 156.6	15
579	Dried fruit, fas	114.7	118.9	124.2	126.2	132.9	134.8	137.6	137.4	140.2	139.3	135.3	12
08	Feed stuff for animals:	1					1	<u> </u>		1	:		!
819	Food wastes, prepared animal feeds (6/78 = 100), fas	_	100.0	103.0	112.8	119.1	125.4	122.4	129.2	123.6	118.3	129.8	14
2 -	Crude materials:	1			1		1    -		f	1	: '	440.0	
21	Raw hides and skins (6/80 = 100)		·	_	-	-	i	; –	: <del>-</del>			118.6	
211	Hides	111.6	119.1	153.8	156.3	219.9	246.0	191.4	164.6			129.1	114
212	Paw furskins (6/80 = 100)	.i —	_		<b>-</b>	!		-	·		100.B	100.9	١.,
22	Otiseeds and oleaninous fruit (9/77 = 100) 3	, 81.9	86.0	82.8	78.4	93.5	95.4	92.0	79.0		74.2		
222	Sovbeens (3/80 = 100), fob vessel				<u> </u>			-			93.4	125.3	
24 .	Cork and wood 3	104.9	110.9	120.7	135.4	142.2	142.5	149.6	153.6	155.5	155.5	153.2	
B21	Logs, sawn lengthwise, fas	104.2	109.3	120.5	; 133.7	146.5	155.7	165.8	165.4	157.8	151.4	146.1	
26	Textile fibers 3	. 87.0	90.6	94.5	100.6	97.2	99.9	101.2	100.2	115.5	112.9		
263	Corton 3	85.7	90.3	95.4	103.5			101.5	98.6	116.9	1112.6	125.4	13
631	Day action for	1 85 5	90.1	95.2	103.3	97.9	99.9	101.1	98.2	116.6	112.3	125.2	1:
27	Crude fertilizers and minerals 3	99.3	102 0	102.9	1030	108.2	108.5	112.7	115.2	127.7	131.7	139.8	11
271	Crude fertilizers 3	95.0	97.6	99.0	97.8	103.6	105.0	109.9	1111.6	126.3	1130.9	134.3	; 1.
713	Phosphates, fas	. 95.0	97.6	99.0	97.8	103.6	105.0	1 109.9	111.6	126.3	130.9	134.3	13
782	Clay and other refracting minerals, n.e.s., fas	103.3	104.4	105.7	107.3	113.6	113.7	115.9	120.0	126.4	128.0	130.0	13
28 820	Metalliferous ores and metal scrap: Scrap metal of iron or steel (6/77 = 100), fas	1	l	i	1	ı	164.3	1623	151.4	161 4	1 . 137.1	136.0	114
	Mineral fuels: Bituminous coal (6/81 = 100), fas	¦ –	¦	-	-	-	-	-	-	<u> </u>	<u> </u> -	-	
	Bitumirious coal (6/81 = 100), fas		-   	- 		_	-	_	_	_	-	-	
5 5 511	Bituminous coal (6/81 = 100), fas  Chemicals: Hydrocarbons, n.e.s. and their derivatives (12/78 = 100), fas	. –		1	1	113.4	1	1	1	!	ļ	169.4	1
5 511 512	Bitumirious coal (6/81 = 100), fas	95.4	93.7	1	1	i	1	1	1	!	ļ	169.4 153.1	1
222 5 511	Bituminous coal (6/81 = 100), fas	95.4		₩4.5	95.7	101.3	115.6	129.7	135.4	145.7	151.4	1	1.
5 511 512 513	Bituminous coal (6/81 = 100), fas	95.4 96.6		₩4.5	95.7	101.3	115.6	129.7	135.4	145.7 150.0	151.4	153.1	1.
5 511 512 513	Bitumirious coal (6/81 = 100), fas	95.4 96.6	97.2	99.9	95.7	101.3 120.9	115.6	129.7	135.4 145.4 85.5	145.7 150.0 	151.4	153.1 147.8 1 80.0	1.
5 511 512 513 6	Bitumirious coal (6/81 = 100), fas	95.4 96.6 —	97.2	99.9	95.7	101.3 120.9 —	115.6	129.7 146.3 100.0 109.4	135.4 145.4 85.5 115.8	145.7 150.0 97 9 119.1	151.4 151.2 151.2 1 80.4 123.4	153.1 147.8 1 80.0 129.1	1.
5 511 512 513 6 61	Bituminous coal (6/81 = 100), fas	95.4 96.6 ——————————————————————————————————	97.2	99.9 — — 104.8	95.7 106.4 — 105.0	101.3 120.9 — 108.7	115.6 136.1 — — 111.4 100.0	129.7 146.3 100.0 109.4 100.3	135.4 145.4 85.5 115.8 109.5	145.7 150.0 97.9 119.1 111.6	151.4 151.2 151.2 80.4 123.4 115.1	153.1 147.8 80.0 129.1	1 1 1 1
5511 512 513 61 62 625	Bitumirious coal (6/81 = 100), fas	95.4 96.6 	97.2	99.9	95.7 106.4 — 105.0 — 104.8	101.3 120.9 — 108.7 108.9	115.6 : 136.1 	129.7 146.3 100.0 109.4 100.3 113.7	135.4 145.4 85.5 115.8 109.5 116.1	145.7 150.0 97.9 119.1 111.6 120.5	151.4 151.2 80.4 123.4 115.1 124.8	153.1 147.8 80.0 129.1 119.0 129.4	1 1 1 1 1
5511 512 513 61 62 625	Bitumirious coal (6/81 = 100), fas	95.4 96.6 	97.2	99.9	95.7 106.4 — 105.0 — 104.8	101.3 120.9 — 108.7 108.9	115.6 : 136.1 	129.7 146.3 100.0 109.4 100.3 113.7	135.4 145.4 85.5 115.8 109.5 116.1	145.7 150.0 97.9 119.1 111.6 120.5	151.4 151.2 80.4 123.4 115.1 124.8	153.1 147.8 80.0 129.1 119.0 129.4	1 1 1 1 1
222 5 511 512 513 6 61 62 625 625 628	Bitumirious coal (6/81 = 100), fas	95.4 96.6 	97.2	99.9	95.7 106.4 — 105.0 — 104.8	101.3 120.9 — 108.7 108.9	115.6 : 136.1 	129.7 146.3 100.0 109.4 100.3 113.7	135.4 145.4 85.5 115.8 109.5 116.1	145.7 150.0 97.9 119.1 111.6 120.5	151.4 151.2 80.4 123.4 115.1 124.8	153.1 147.8 80.0 129.1 119.0 129.4	1 1 1 1 1 1
5511 512 513 661 62 625 625 628 64 641	Bituminous coal (6/81 = 100), fas	95.4 96.6 103.5 103.1	97.2 104.4 104.3 100.0	99.9 99.9 104.8 104.3 102.0	95.7 106.4 	101.3 120.9 108.7 108.9 109.1 102.8	115.6 136.1 	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2	135.4 145.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2	1 1 1 1 1 1 1 1
222 5 511 512 513 6 61 62 625 628 64 641 3412	Bitumirious coal (6/81 = 100), fas	95.4 96.6 	97.2 	99.9 99.9 104.8 104.3 102.0	95.7 106.4 105.0 104.8 106.7 100.0	101.3 120.9 	115.6 136.1 	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2	135.4 145.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1	145.7 150.0 97 9 119.1 111.6 120.5 125.8 119.6	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2	1 1 1 1 1 1 1 1 1 1 1 1 1
5511 512 513 61 62 625 626 64 641 641 6413 6413	Bituminous coal (6/81 = 100), fas	95.4 96.6 	97.2 	99.9 99.9 104.8 104.3 102.0	95.7 106.4 105.0 104.8 106.7 100.0	101.3 120.9 	115.6 136.1 	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2	135.4 145.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1	145.7 150.0 97 9 119.1 111.6 120.5 125.8 119.6	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2	1 1 1 1 1 1 1 1 1 1 1 1 1
5511 512 513 661 625 625 628 64 641 6412 3413	Bitumirious coal (6/81 = 100), fas	95.4 96.6 	97.2 	99.9 104.8 104.3 102.0 103.4 102.8	95.7 106.4 	101.3 120.9 	115.6 136.1 	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 132.2 106.9	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 150.5 121.2	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5	1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1
5511 512 513 6162 625 626 641 6412 3413 3415	Bituminous coal (6/81 = 100), fas	95.4 96.6 	97.2 	99.9 104.8 104.3 102.0 103.4 102.8	95.7 106.4 	101.3 120.9 	115.6 136.1 	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 132.2 106.9	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 150.5 121.2	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2	1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1
5511 512 513 6162 625 626 641 6413 3412 3413 65	Bitumirious coal (6/81 = 100), fas	95.4 96.6 	97.2 	99.9 104.8 104.3 102.0 103.4 102.3	95.7 106.4 	101.3 120.9 	115.6 136.1 	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 132.2 106.9 104.2	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6  144.7 120.9	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 150.5 121.2	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5	10 10 11 11 11 11 11 11 11 11 11 11 11 1
222 5 511 512 513 61 62 625 628 64 641 3412 3413 65 653 66 665 665	Bitumirious coal (6/81 = 100), fas	95.4 96.6 	97.2 	99.9 104.8 - 104.3 102.0 - 103.4 102.3	95.7 106.4 105.0 104.8 106.7 100.0 113.3 100.0	101.3 120.9 108.7 108.9 109.1 102.8 118.6 105.1 103.4	115.6 136.1 111.4 100.0 111.2 105.9 124.0 107.8 103.9	129.7 146.3 100.0 109.4 100.3 113.7 118.6 110.2 132.2 106.9 104.2	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6  144.7 120.9 107.8	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 150.5 121.2 110.7	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6	1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1
222 5 511 512 513 6 61 62 625 628 64 641 3413 3415 65 65 66 66 66 66 67	Bitumirious coal (6/81 = 100), fas	95.4 96.6 	97.2 	99.9 104.8 - 104.3 102.0 - 103.4 102.3	95.7 106.4 105.0 104.8 106.7 100.0 113.3 100.0	101.3 120.9 108.7 108.9 109.1 102.8 118.6 105.1 103.4	115.6 136.1 111.4 100.0 111.2 105.9 124.0 107.8 103.9	129.7 146.3 100.0 109.4 100.3 113.7 118.6 110.2 132.2 106.9 104.2	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6  144.7 120.9 107.8	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 150.5 121.2 110.7	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6	1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1
222 5 511 512 513 6 61 625 628 64 641 6413 6415 653 666 665 67 6750	Bituminous coal (6/81 = 100), fas	95.4 96.6 103.5 103 1 98.2 101.8	97.2 	99.9 	95.7 106.4 105.0 104.8 106.7 100.0 113.3 104.3 100.0	101.3 120.9 	115.6 136.1 111.4 100.0 111.2 112.2 105.9 107.8 103.9	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 106.9 104.2 122.0	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 1150.5 121.2 110.7	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8	1
222 5511 512 513 6162 625 626 641 412 413 415 653 666 666 667 6750	Bitumirious coal (6/81 = 100), fas	95.4 96.6 103.5 103 1 98.2 101.8	97.2 	99.9 	95.7 106.4 105.0 104.8 106.7 100.0 113.3 104.3 100.0	101.3 120.9 	115.6 136.1 111.4 100.0 111.2 112.2 105.9 107.8 103.9	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 106.9 104.2 122.0	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 1150.5 121.2 110.7	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
512 511 512 513 6 61 625 625 628 64 641 6413 6415 653 665 665 67 67 67	Chemicals:  Hydrocarbons, n.e.s. and their derivatives (12/78 = 100), fas	95.4 96.6 103.5 103.1 98.2 101.8 108.1	97.2 	99.9 	95.7 106.4 105.0 104.8 106.7 100.0 113.3 104.3 100.0	101.3 120.9 	115.6 136.1 	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 106.9 104.2 122.0 120.5 114.2	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6 124.2	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 144.7 120.9 107.8 134.9 129 3 117.8	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 1150.5 121.2 110.7 137.2 131.7	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8	1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1
512 511 512 513 6 61 625 628 64 641 6413 6415 653 665 665 67 67 67 67 67 681	Bituminous coal (6/81 = 100), fas	95.4 96.6 	97.2 104.4 104.3 100.0 99.3 103.5 110.2 103.0 99.2	99.9 104.8 - 104.3 102.0 - 103.4 102.8 - 1111.7 - 108.1 101.7	95.7 106.4 105.0 104.8 106.7 100.0 113.3 104.3 100.0 112.5	101.3 120.9 108.7 108.9 109.1 102.8 118.6 105.1 118.9 112.5 110.0	115.6 136.1 111.4 100.0 111.2 105.9 124.0 107.8 103.9 121.7	129.7 146.3 100.0 109.4 100.3 113.7 118.6 110.2 132.2 106.9 104.2	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 144.7 120.9 107.8 134.9	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 150.5 121.2 110.7 137.2	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8 132.5 120.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
222 5 5 1 1 5 1 2 5 1 3 6 6 6 1 6 2 5 6 2 8 6 4 1 6 4 1 2 3 4 1 3 6 4 1 5 6 5 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Bituminous coal (6/81 = 100), fas	95.4 96.6 	97.2 104.4 104.3 100.0 99.3 103.5 110.2 103.0 99.2	99.9 104.8 - 104.3 102.0 - 103.4 102.8 - 1111.7 - 108.1 101.7	95.7 106.4 105.0 104.8 106.7 100.0 113.3 104.3 100.0 112.5	101.3 120.9 108.7 108.9 109.1 102.8 118.6 105.1 118.9 112.5 110.0	115.6 136.1 111.4 100.0 111.2 105.9 124.0 107.8 103.9 121.7	129.7 146.3 100.0 109.4 100.3 113.7 118.6 110.2 132.2 106.9 104.2	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 144.7 120.9 107.8 134.9	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 150.5 121.2 110.7 137.2	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8 132.5 120.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
512 513 61 625 625 628 641 6412 3413 653 665 665 666 665 67 67 67 67 67 681 682 682 682 682	Chemicals:  Hydrocarbons, n.e.s. and their derivatives (12/78 = 100), fas	95.4 96.6 	97.2 	99.9 104.8 104.3 102.0 — 103.4 102.3 111.7 108.1 101.7	95.7 106.4 105.0 104.8 106.7 100.0 113.3 104.3 100.0 112.5 108 1 104 0	101.3 120.9 	115.6 136.1 111.4 100.0 111.2 105.9 107.8 103.9 121.7 112.5 110.0	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 106.9 104.2 122.0 120.5 114.2	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6 124.2 109.6 122.7	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 144.7 120.9 107.8 134.9 117.8	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 1150.5 121.2 110.7 137.2 131.7 118.4	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8 132.5 120.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
512 513 61 62 625 628 641 641 6412 6413 6415 653 665 67 67 67 67 67 682 682 683	Bitumirious coal (6/81 = 100), fas	95.4 96.6 103.5 103.1 98.2 101.8 108.1 100.6 101.4	97.2 	99.9 104.8 - 104.3 102.0 - 103.4 102.8 - 1111.7 - 108.1 101.7	95.7 106.4 105.0 104.8 106.7 100.0 113.3 104.3 100.0 112.5 108 1 104 0	101.3 120.9 	115.6 136.1 111.4 100.0 111.2 105.9 107.8 103.9 121.7 112.5 110.0	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 106.9 104.2 122.0 120.5 114.2	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6 124.2 109.6 122.7	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 144.7 120.9 107.8 134.9 117.8	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 1150.5 121.2 110.7 137.2 131.7 118.4	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8 132.5 120.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
512 513 6162 625 625 628 641 63412 3413 36415 653 665 67 7750 6785 681 6822 683 684	Chemicals:  Hydrocarbons, n.e.s. and their derivatives (12/78 = 100), fas	95.4 96.6 103.5 103.1 98.2 101.8 100.6 101.4	97.2 104.4 104.3 100.0 99.3 103.5 110.2 103.0 99.2	99.9 104.8 - 104.3 102.0 - 103.4 102.8 - 1111.7 - 108.1 101.7	95.7 106.4 105.0 104.8 106.7 100.0 113.3 104.3 100.0 112.5 108 1 104 0	101.3 120.9 	115.6 136.1 111.4 100.0 111.2 105.9 124.0 107.8 103.9 121.7 112.5 110.0 112.4 100.0	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 106.9 104.2 122.0 120.5 114.2	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6 124.2 109.6 122.7	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 144.7 120.9 107.8 134.9 117.8	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 1150.5 121.2 110.7 137.2 131.7 118.4	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8 132.5 120.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
512 511 512 513 6 61 62 625 628 64 641 6412 3413 6415 653 665 67 6750 6750 6750 6750 6750 6750 67	Chemicals:  Hydrocarbons, n.e.s. and their derivatives (12/78 = 100), fas	95.4 96.6 103.5 103.1 98.2 101.8 100.6 101.4	97.2 104.4 104.3 100.0 99.3 103.5 110.2 103.0 99.2	99.9 104.8 - 104.3 102.0 - 103.4 102.8 - 1111.7 - 108.1 101.7	95.7 106.4 105.0 104.8 106.7 100.0 113.3 104.3 100.0 112.5 108 1 104 0	101.3 120.9 	115.6 136.1 111.4 100.0 111.2 105.9 124.0 107.8 103.9 121.7 112.5 110.0 112.4 100.0	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 106.9 104.2 122.0 120.5 114.2	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6 124.2 109.6 122.7	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 144.7 120.9 107.8 134.9 117.8	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 1150.5 121.2 110.7 137.2 131.7 118.4	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8 132.5 120.3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
512 511 512 513 6 61 62 625 628 64 641 6412 3413 6415 653 665 67 6750 6750 6750 6750 6750 6750 67	Chemicals:  Hydrocarbons, n.e.s. and their derivatives (12/78 = 100), fas	95.4 96.6 103.5 103.1 - 103.5 103.1 - 100.6 101.4	97.2 	99.9 104.8 104.3 102.0 103.4 102.8 111.7 108.1 101.7	95.7 106.4 105.0 104.8 106.7 100.0 113.3 100.0 112.5 108.1 104.0	101.3 120.9 108.7 108.9 109.1 102.8 118.6 105.1 103.4 118.9 112.5 110.0	115.6 136.1 111.4 100.0 111.2 105.9 124.0 107.8 103.9 121.7 112.5 110.0 100.9	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 122.0 122.0 122.0 114.2 123.3 115.6 112.7	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6 122.7 114.2	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 144.7 120.9 107.8 134.9 117.8	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 150.5 121.2 110.7 131.7 118.4	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8 132.5 120.3	1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1
512 511 512 513 6 61 62 625 628 64 641 6412 6415 653 665 67 6750 6785 681 682 682 683 684	Chemicals:  Hydrocarbons, n.e.s. and their derivatives (12/78 = 100), fas	95.4 96.6 103.5 103.1 103.1 98.2 101.8 100.6 101.4	97.2 	99.9 104.8 104.3 102.0 103.4 102.8 111.7 108.1 101.7	95.7 106.4 105.0 104.8 106.7 100.0 113.3 100.0 112.5 108.1 104.0	101.3 120.9 108.7 108.9 109.1 102.8 118.6 105.1 103.4 118.9 112.5 110.0	115.6 136.1 111.4 100.0 111.2 105.9 124.0 107.8 103.9 121.7 112.5 110.0 100.9	129.7 146.3 100.0 109.4 100.3 113.7 116.6 110.2 122.0 122.0 122.0 114.2 123.3 115.6 112.7	135.4 145.4 85.5 115.8 109.5 116.1 121.8 115.1 137.8 112.8 105.9 123.6 122.7 114.2	145.7 150.0 97 9 119.1 111 6 120.5 125 8 119 6 144.7 120.9 107.8 134.9 117.8	151.4 151.2 80.4 123.4 115.1 124.8 130.4 123.8 150.5 121.2 110.7 131.7 118.4	153.1 147.8 80.0 129.1 119.0 129.4 133.0 125.2 150.3 122.5 115.6 139.8 132.5 120.3	1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1



Table 120. U.S. export price indexes for selected categories of goods, 1975-82—Continued

[June 1977 - 100 unless otherwise specified]

71: 713; 7139; 716; 721; 721; 721; 721; 721; 723; 723; 7234; 724; 724; 724; 724; 726; 728; 7284; 736;	Other tools for use in hand  Manufactures of base metal, nies  Locksmiths' wares, safes, etc. and hardware, nies  of base metal, fobitac  Articles of iron or steel, nies fas  achinery and transport equipment, excluding military and commercial aircraft (12/78 = 100) 4  Power generating machinery and equipment (12/78 = 100) 3  Internal combustion piston engines, parts (12/78 = 100) 3  Parts of internal combustion piston engines, fas  Electric motors, generators, and other rotating plant, fobitac  Machinery specialized for particular industries (9/78 = 100) 3  Agricultural machinery (excl. tractors) and parts (9/78 = 100) 3  Agric machinery for preparing and cultivating the soil (6/78 = 100), fobitac  Harvesting and threshing machinery, agric produce graders and parts, fobitac  Tractors fitted or not with power takeoffs, winches or pulleys, fobitac  Civil engineering and contractors' plant and equipment and parts 3  Construction and mining machinery, nies  Parts. nies., of construction machinery  Textile and leather machinery and parts (3/79 = 100) 3  Textile machinery, excl. 72449, 72454, and 7246 (6/79 = 100) fobitac	104.2 106.0 102.3 	104.6 111.6 103.1 	114.2 101.7 104.6 113.4 105.3 100.0 103.3 108.6 114.4	110.3 .115.5 .104.9 .100.0 .100.0 .106.1 .118.0 .106.4 .102.7 .103.3 .104.4 .113.0	115.4 116.2 106.5 101.8 103.0 108.2 120.5 110.4 103.9 102.0 105.3	. 117.1 . 116.0 . 112.9 . 103.5 . 104.3 . 108.4 . 120.6 . 112.9 . 106.2 . 103.2 . 108.3 . 110.8	121.2 120.8 116.0 105.0 107.8 113.9 127.2 114.4 109.0 105.7	122.6 123.0 117.9 107.5 110.0 116.2 131.4 115.1 111.7 109.3 115.8	127.9 126.6 118.9 110.1 115.3 119.6 133.8 123.0 115.9 112.0	133.5 129.7 127.1 112.8 118.6 122.0 139.3 130.4 119.8 113.2	133.0 130.0 115.4 124.7 128.2 144.4 131.6 123.1 116.2	136.3 133.7 130.8 117.2 127.4 129.0 145.7 134.6 127.2 120.5
699 6991 7 Mi 71: 713 7139 716 721 7211 7211 7112 722 723 7234 7239 724 7247 726 728 728 728	Manufactures of base metal, niels  Locksmiths' wares, safes, etc. and hardware, niels, of base metal, fob fac	106.0 102.3 	111 6 103.1 - 100.0 109.1 105.5 - 100.0 108.6 111.7	114.2 101.7 104.6 113.4 105.3 100.0 103.3 108.6 114.4	115 5 104.9 100.0 100.0 106.1 118.0 106.4 102.7 103.3 104.4	116 2 106.5 101.8 103.0 108.2 120.5 110.4 103.9 102.0 105.3	116.0 112.9 103.5 104.3 108.4 120.6 112.9 106.2 103.2 108.3	120.8 116.0 105.0 107.8 113.9 127.2 114.4 109.0 105.7	123 0 117.9 107.5 110.0 116.2 131.4 115.1 111.7 109.3	126 6 118.9 ,110.1 1115.3 1119 6 133.8 123.0 115.9 112.0	129 7 127.1 112.8 118.6 122 0 139 3 130.4 119.8 113.2	133.0 130.0 115.4 124.7 128.2 144.4 131.6 123.1 116.2	133.7 130.8 117.2 127.4 129.0 145.7 134.6 127.2 120.5
6991   6997   7   Miles   Mile	Manufactures of base metal, niels  Locksmiths' wares, safes, etc. and hardware, niels, of base metal, fob fac	106.0 102.3 	111 6 103.1 - 100.0 109.1 105.5 - 100.0 108.6 111.7	114.2 101.7 104.6 113.4 105.3 100.0 103.3 108.6 114.4	115 5 104.9 100.0 100.0 106.1 118.0 106.4 102.7 103.3 104.4	116 2 106.5 101.8 103.0 108.2 120.5 110.4 103.9 102.0 105.3	116.0 112.9 103.5 104.3 108.4 120.6 112.9 106.2 103.2 108.3	120.8 116.0 105.0 107.8 113.9 127.2 114.4 109.0 105.7	123 0 117.9 107.5 110.0 116.2 131.4 115.1 111.7 109.3	126 6 118.9 ,110.1 1115.3 1119 6 133.8 123.0 115.9 112.0	129 7 127.1 112.8 118.6 122 0 139 3 130.4 119.8 113.2	133.0 130.0 115.4 124.7 128.2 144.4 131.6 123.1 116.2	133.7 130.8 117.2 127.4 129.0 145.7 134.6 127.2 120.5
6997 7 Mi 71: 713 7139 716 72 721 7211 7112 722 723 7234 7239 7244 724 7247 726 728 7284 736 74	of base metal, fob fac	102.3 	100.0 109.1 105.5 100.0 108.6 111.7 108.8 109.7	101 7 104 6 113.4 105.3 100.0 100.0 103.3 108.6 114.4	104.9 100.0 100.0 106.1 118.0 106.4 102.7 103.3 104.4	106.5 101.8 103.0 108.2 120.5 110.4 103.9 102.0 105.3	112.9 103.5 104.3 108.4 120.6 112.9 106.2 103.2 108.3	116.0 105.0 107.8 113.9 127.2 114.4 109.0 105.7	117.9 107.5 110.0 116.2 131.4 115.1 111.7 109.3 115.8	118.9 ,110.1 ,115.3 ,119.6 ,133.8 ,123.0 ,115.9 ,112.0	127.1 112.8 118.6 122.0 139.3 130.4 119.8 113.2	130.0 115.4 124.7 128.2 144.4 131.6 123.1 116.2	130.8 117.2 127.4 129.0 145.7 134.6 127.2 120.5
7 Mi 71: 713; 7139; 716; 721; 7211; 7112; 722; 723; 7234; 7239; 7244; 7247; 726; 728; 7284; 7287; 726; 728, 7284; 7287; 74, (6)	Articles of iron or steel, n.e.s., fas  achinery and transport equipment, excluding military and commercial aircraft (12/78 = 100) 4.  Power generating machinery and equipment (12/78 = 100) 3.  Internal combustion piston engines, parts (12/78 = 100) 3.  Parts of internal combustion piston engines, fas	102.3 	100.0 109.1 105.5 100.0 108.6 111.7 108.8 109.7	101 7 104 6 113.4 105.3 100.0 100.0 103.3 108.6 114.4	104.9 100.0 100.0 106.1 118.0 106.4 102.7 103.3 104.4	106.5 101.8 103.0 108.2 120.5 110.4 103.9 102.0 105.3	112.9 103.5 104.3 108.4 120.6 112.9 106.2 103.2 108.3	116.0 105.0 107.8 113.9 127.2 114.4 109.0 105.7	117.9 107.5 110.0 116.2 131.4 115.1 111.7 109.3 115.8	118.9 ,110.1 ,115.3 ,119.6 ,133.8 ,123.0 ,115.9 ,112.0	127.1 112.8 118.6 122.0 139.3 130.4 119.8 113.2	130.0 115.4 124.7 128.2 144.4 131.6 123.1 116.2	130.8 117.2 127.4 129.0 145.7 134.6 127.2 120.5
7 Mi 71: 713; 7139; 716; 721; 7211; 7112; 722; 723; 7234; 7239; 7244; 7247; 726; 728; 7284; 7287; 726; 728, 7284; 7287; 74, (6)	achinery and transport equipment, excluding military and commercial aircraft (12/78 = 100) 4  Power generating machinery and equipment (12/78 = 100) 3  Internal combustion piston engines, parts (12/78 = 100) 3  Parts of internal combustion piston engines, fas  Electric motors, generators, and other rotating plant, fob fac  Machinery specialized for particular industries (9/78 = 100) 3  Agricultural machinery (excl. tractors) and parts (9/78 = 100) 3  Agric. machinery for preparing and cultivating the soil (6/78 = 100), fob fac  Harvesting and threshing machinery, agric. produce graders and parts, fob fac.  Tractors fitted or not with power takeoffs, winches or pulleys, fob fac  Civil engineering and contractors' plant and equipment and parts 3  Construction and mining machinery, n.e.s.  Parts. n.e.s., of construction machinery.  Textile and leather machinery and parts (3/79 = 100) 3  Textile machinery, excl. 72449, 72454, and 7246	108.1 105.2 107.2 106.4 107.5 106.3 107.9	100.0 109.1 105.5 100.0 108.6 111.7 108.8 109.7	104.6 113.4 105.3 100.0 100.0 103.3 108.6 114.4	100.0 100.0 106.1 118.0 106.4 102.7 103.3 104.4	101.8 103.0 108.2 120.5 110.4 103.9 102.0 105.3	103.5 104.3 108.4 120.6 112.9 106.2 103.2 108.3	105.0 107.8 113.9 127.2 114.4 109.0 105.7	107.5 .110.0 .116.2 .131.4 .115.1 .111.7 .109.3 .115.8	110.1 115.3 119.6 133.8 123.0 115.9 112.0	112.8 118.6 122.0 139.3 130.4 119.8 113.2	115.4 124.7 128.2 144.4 131.6 123.1 116.2	117.2 127.4 129.0 145.7 134.6 127.2 120.5
71: 713 7139 716 721 721 721 7211 7112 722 723 723 7234 7239 724 724 724 726 728 728 7284 73 736	commercial aircraft (12/78 = 100) 4  Power generating machinery and equipment (12/78 = 100) 3  Internal combustion piston engines, parts (12/78 = 100) 3  Parts of internal combustion piston engines, fas  Electric motors, generators, and other rotating plant, fob fac  Machinery specialized for particular industries (9/78 = 100) 3  Agricultural machinery (excl. tractors) and parts (9/78 = 100) 3  Agric. machinery for preparing and cultivating the soil (6/78 = 100), fob fac  Harvesting and threshing machinery, agric. produce graders and parts, fob fac  Tractors fitted or not with power takeoffs, winches or pulleys, fob fac  Civil engineering and contractors' plant and equipment and parts 3  Construction and mining machinery, n.e.s  Parts. n.e.s., of construction machinery  Textile and leather machinery and parts (3/79 = 100) 3  Textile machinery, excl. 72449, 72454, and 7246	108.1 105.2 107.2 107.2 106.4 107.5 106.3	100.0 109.1 105.5 100.0 108.6 111.7	104 6 113.4 105.3 100.0 100.0 103.3 108.6 114.4	100.0 106.1 118.0 106.4 102.7 103.3 104.4	103.0 108.2 120.5 110.4 103.9 102.0 105.3	104.3 108.4 120.6 112.9 106.2 103.2 108.3	107.8 113.9 127.2 114.4 109.0 105.7	110.0 116.2 131.4 115.1 111.7 109.3	115.3 119.6 133.8 123.0 115.9 112.0	118.6 122.0 139.3 130.4 119.8 113.2	124.7 128.2 144.4 131.6 123.1 116.2	127.4 129.0 145.7 134.6 127.2 120.5
713 7139 716 72 721 7211 7112 722 723 7234 7239 724 724 724 724 726 728 7284 736	Power generating machinery and equipment (12/78 = 100) 3	108.1 105.2 107.2 107.2 106.4 107.5 106.3	100.0 109.1 105.5 100.0 108.6 111.7	104 6 113.4 105.3 100.0 100.0 103.3 108.6 114.4	100.0 106.1 118.0 106.4 102.7 103.3 104.4	103.0 108.2 120.5 110.4 103.9 102.0 105.3	104.3 108.4 120.6 112.9 106.2 103.2 108.3	107.8 113.9 127.2 114.4 109.0 105.7	110.0 116.2 131.4 115.1 111.7 109.3	115.3 119.6 133.8 123.0 115.9 112.0	118.6 122.0 139.3 130.4 119.8 113.2	124.7 128.2 144.4 131.6 123.1 116.2	127.4 129.0 145.7 134.6 127.2 120.5
7139 . 716 . 72 . 721 . 7211 . 7211 . 722 . 723 . 7234 . 7247 . 726 . 728 . 7284 . 73 . 736 . 74 . 6	Internal combustion piston engines, parts (12/78 = 100) 3  Parts of internal combustion piston engines, fas  Electric motors, generators, and other rotating plant, fob fac  Machinery specialized for particular industries (9/78 = 100) 3  Agricultural machinery (excl. tractors) and parts (9/78 = 100) 3  Agric. machinery for preparing and cultivating the soil (6/78 = 100), fob fac  Harvesting and threshing machinery, agric. produce graders and parts, fob fac.  Tractors fitted or not with power takeoffs, winches or pulleys, fob fac  Civil engineering and contractors' plant and equipment and parts 3  Construction and mining machinery, n.e.s.  Parts. n.e.s., of construction machinery.  Textile and leather machinery and parts (3/79 = 100) 3  Textile machinery, excl. 72449, 72454, and 7246	108.1 105.2 107.2 106.4 107.5 106.3 107.9	109.1 105.5 - 100.0 108.6 111.7 108.8 109.7	104.6 113.4 105.3 100.0 100.0 103.3 108.6 114.4	106.1 118.0 106.4 102.7 103.3 104.4	108.2 120.5 110.4 103.9 102.0 105.3	108 4 120.6 112.9 106.2 103.2 108.3	113.9 127.2 114.4 109.0 105.7	116.2 131.4 115.1 111.7 109.3	119.6 133.8 123.0 115.9 112.0	122 0 139 3 130.4 119.8 113.2	128.2 144.4 131.6 123.1 116.2	129.0 145.7 134.6 127.2 120.5
7139 . 716 . 72 . 721 . 7211 . 7211 . 722 . 723 . 7234 . 7247 . 726 . 728 . 7284 . 73 . 736 . 74 . 6	(12/78 = 100) 3  Parts of internal combustion piston engines, fas	108.1 105.2 105.2 107.2 106.4 107.5 106.3 107.9	109.1 105.5 - 100.0 108.6 111.7 108.8 109.7	113.4 105.3 100.0 100.0 103.3 108.6 114.4	106.4 102.7 103.3 104.4 113.0	120.5 110.4 103.9 102.0 105.3	120.6 1112.9 106.2 103.2 108.3	127.2 114.4 109.0 105.7 109.6	131.4 115.1 111.7 109.3 115.8	133.8 123.0 115.9 112.0 118.8	139 3 130.4 119.8 113.2 122.5	144.4 131.6 123.1 116.2	145.7 134.6 127.2 120.5 125.5
716 72 721 7211 7112 722 723 7234 7239 724 724 724 724 726 728 7284 736	Parts of internal combustion piston engines, fas  Electric motors, generators, and other rotating plant, fob fac  Machinery specialized for particular industries (9/78 = 100) 3  Agricultural machinery (excl. tractors) and parts (9/78 = 100) 3  Agric. machinery for preparing and cultivating the soil (6/78 = 100), fob fac  Harvesting and threshing machinery, agric. produce graders and parts, fob fac.  Tractors fitted or not with power takeoffs, winches or pulleys, fob fac  Civil engineering and contractors' plant and equipment and parts 3  Construction and mining machinery, n.e.s	108.1 105.2 105.2 107.2 106.4 107.5 106.3 107.9	109.1 105.5 - 100.0 108.6 111.7 108.8 109.7	113.4 105.3 100.0 100.0 103.3 108.6 114.4	106.4 102.7 103.3 104.4 113.0	120.5 110.4 103.9 102.0 105.3	120.6 1112.9 106.2 103.2 108.3	127.2 114.4 109.0 105.7 109.6	131.4 115.1 111.7 109.3 115.8	133.8 123.0 115.9 112.0 118.8	139 3 130.4 119.8 113.2 122.5	144.4 131.6 123.1 116.2	145.7 134.6 127.2 120.5 125.5
716 72 721 7211 7112 722 723 7234 7239 724 724 724 724 726 728 7284 736	Electric motors, generators, and other rotating plant, fob fac  Machinery specialized for particular industries (9/78 = 100) 3	105.2 	. 105.5 	105.3 100.0 100.0 103.3 108.6 114.4	106.4 102.7 103.3 104.4	110.4 103.9 102.0 105.3 109.8	106.2 103.2 108.3 110.8	109.0 105.7 109.6	115.1 111.7 109.3 115.8	115.9 112.0 118.8	130.4 119.8 113.2 122.5	131.6 123.1 116.2 122.9	134.6 127.2 120.5 125.5
721 7211 7112 722 723 7234 724 724 724 724 726 728 7284 73 736	Machinery specialized for particular industries (9/78 = 100) 3  Agricultural machinery (excl. tractors) and parts (9/78 = 100) 3  Agric. machinery for preparing and cultivating the soil (6/78 = 100), fob fac  Harvesting and threshing machinery, agric. produce graders and parts, fob fac  Tractors fitted or not with power takeoffs, winches or pulleys, fob fac  Civil engineering and contractors' plant and equipment and parts 3  Construction and mining machinery, n.e.s  Parts. n.e.s., of construction machinery  Textile and leather machinery and parts (3/79 = 100) 3  Textile machinery, excl. 72449, 72454, and 7246	107.2 106.4 107.5 106.3 107.9	100 0 108.6 111.7	100.0 100.0 103.3 108.6 114.4	102.7 103.3 104.4 113.0	103.9 102.0 105.3 109.8	106.2 103.2 108.3	109.0 105.7 109.6	111.7 109.3 115.8	115.9 112.0 118.8	119.8 113.2 122.5	123.1 116.2 122.9	127.2 120.5 125.5
721 7211 7112 722 723 7234 724 724 724 724 726 728 7284 73 736	(9/78 = 100) 3  Agricultural machinery (excl. tractors) and parts (9/78 = 100) 3  Agric. machinery for preparing and cultivating the soil (6/78 = 100), fob fac.  Harvesting and threshing machinery, agric. produce graders and parts, fob fac.  Tractors fitted or not with power takeoffs, winches or pulleys, fob fac.  Civil engineering and contractors' plant and equipment and parts 3  Construction and mining machinery, n.e.s.  Parts. n.e.s., of construction machinery.  Textile and leather machinery and parts (3/79 = 100) 3  Textile machinery, excl. 72449, 72454, and 7246	107.2 106.4 107.5 106.3 107.9	100 0 108.6 111.7 108.8 109.7	100.0 103.3 108.6 114.4	103.3 104.4 113.0	102.0	103.2	105.7 109.6	109.3 115.8	112.0	113.2 122.5	116.2 122.9	120.5 125.5
7211 7112 722; 723; 7234 7239 724 724, 7247 726: 728 7284	Agricultural machinery (excl. tractors) and parts (9/78 = 100) 3  Agric. machinery for preparing and cultivating the soil (6/78 = 100), fob fac  Harvesting and threshing machinery, agric. produce graders and parts, fob fac  Tractors fitted or not with power takeoffs, winches or pulleys, fob fac  Civil engineering and contractors' plant and equipment and parts 3  Construction and mining machinery, n.e.s  Parts. n.e.s., of construction machinery  Textile and leather machinery and parts (3/79 = 100) 3  Textile machinery, excl. 72449, 72454, and 7246	107.2 106.4 107.5 106.3 107.9	100 0 108.6 111.7 108.8 109.7	100.0 103.3 108.6 114.4	103.3 104.4 113.0	102.0	103.2	105.7 109.6	109.3 115.8	112.0	113.2 122.5	116.2 122.9	120.5 125.5
7211 7112 722; 723; 7234 7239 724 724, 7247 726: 728 7284	(9/78 = 100) <sup>3</sup> Agric. machinery for preparing and cultivating the soil (6/78 = 100), fob fac  Harvesting and threshing machinery, agric. produce graders and parts, fob fac  Tractors fitted or not with power takeoffs, winches or pulleys, fob fac  Civil engineering and contractors' plant and equipment and parts <sup>3</sup> Construction and mining machinery, n.e.s.  Parts. n.e.s., of construction machinery  Textile and leather machinery and parts (3/79 = 100) <sup>3</sup> Textile machinery, excl. 72449, 72454, and 7246	107.2 106.4 107.5 106.3 107.9	100 0 108.6 111.7 108.8 109.7	103.3	104.4	105.3	108.3	109.6	115.8	118.8	122.5	122.9	125.5
7112 722; 723; 7234 7239 724 724 7247 726: 728 7284 73 - 736	Agric. machinery for preparing and cultivating the soil (6/78 = 100), fob fac  Harvesting and threshing machinery, agric. produce graders and parts, fob fac.  Tractors fitted or not with power takeoffs, winches or pulleys, fob fac	107.2 106.4 107.5 106.3 107.9	100 0 108.6 111.7 108.8 109.7	103.3	104.4	105.3	108.3	109.6	115.8	118.8	122.5	122.9	125.5
722; 723; 7234 7239 724 724 7247 726 728 7284 73 736	(6/78 = 100), fob fac  Harvesting and threshing machinery, agric. produce graders and parts, fob fac  Tractors fitted or not with power takeoffs, winches or pulleys, fob fac  Civil engineering and contractors' plant and equipment and parts 3  Construction and mining machinery, n.e.s  Parts. n.e.s., of construction machinery  Textile and leather machinery and parts (3/79 = 100) 3  Textile machinery, excl. 72449, 72454, and 7246	107.2 106.4 107.5 106.3 107.9	111.7	108.6	1 13.0	109.8	:   110.8		į			;	;
722; 723; 7234 7239 724 724 7247 726 728 7284 73 736	graders and parts, fob fac	107.2 106.4 107.5 106.3 107.9	111.7	114.4	i	ĺ	:	113.5	116.6	119.9	120.3	124.9	! : 130 0
7234 7239 7244 7247 7247 726 728 7284 736	Tractors fitted or not with power takeoffs, winches or pulleys, fob fac	106.4 107.5 106.3 107.9	111.7	114.4	i	ĺ	:	113.5	116.6	119.9	120.3	124.9	- 130 0
7234 7239 7244 7247 7247 726 728 7284 736	pulleys, fob fac	106.4 107.5 106.3 107.9	1 108.8 109.7	1 . 110.9	117.3	1183	ı '		i i	1		!!!	.55.0
7234 7239 724 724 7247 726 728 7284 73 736	Civil engineering and contractors' plant and equipment and parts 3	107.5 106.3 107.9	1 108.8 109.7	1 . 110.9	•		121.9	124.6	129.9	133.8	138.9	142.8	145.9
7239 724 724 7247 726 728 7284 73 736	Construction and mining machinery, n.e.s	106.3 107.9	, 109.7	110.9		!				i			}
7239 724 724 7247 726 728 7284 73 736	Parts. n.e.s., of construction machinery	107.9	108.7		115.2	117.2	119.5	122.8	125.5	131.8	134.6	138.7	144.3
724 : 724 : 7247 : 726 : 728 : 7284 : 73 : 736 : 74 : 6	Textile and leather machinery and parts (3/79 = 100) 3 Textile machinery, excl. 72449, 72454, and 7246	·	100.0	1108	1149	116.0	1191	123.9	128.7 124.4	135.0	1326	137 4	140.5
7247 726 728 7284 73 736	Textile machinery, excl. 72449, 72454, and 7246		! <del></del>						107.7				
726 728 7284 73 736	(6/79 = 100) fob fac *		1	1	:		i ¦				i	i	
726 728 7284 73 736	Textile finishing machinery and parts, n.e.s.		-	: -		-	100.0	100.6	103.5	108.0	110.2	112.6	113.8
728 7284 73 736	(6/79 = 100) fob fac	: :	!	i	-		100.0	101.7	: i 105.7	107.2	110.6	113.6	115.3
7284 73 - 736 74 - (	Printing and bookbinding machines and parts n.e.s.				•		: :			,	· !	'	
7284 73 - 736 74 - (	(9/78 = 100), fob fac	: -		¦ 100.0	101.0	1018	106.3	107.5	107.9	109.5	114.3	114.9	118.6
73 · 736	Machinery specialized for particular industries, n.e.s., fob fac 3	: 103.7	104.8	108.2	: 109.5	   111 <i>2</i>	.113.2	1179	: : 1198 :	122 6	131.4	135.6	140.3
736	Machinery and mechanical appliances, n.e.s.	-			!			111.6	,		i	i	
736	(6/80 = 100) fob fac				·;	-	_ !			!	100.0	102.8	107.0
74 - (	Metalworking machinery (6/78 = 100) 3			101.9					: 113 <b>9</b> .	117.1	1208	122.2	124.1
	fob fac			102.5					114.8	117.9	121.2	123.3	125.7
	General industrial machines and parts nie.s	i	• i	i l	' !			i	; !		ţ	1	
741	(9/78 - 100) <sup>3</sup>		· `	100.0	102.2	104.3	106.1	108.4	. 111.5	115.2	117.3	120.6	123.9
	Heating and cooling equip. and n.e.s. (6/78 = 100),										:	:	
741	fob fac		100.0	101.2	102.1	105.2	107.2	109.5	113.8	115.9	117.0 ¦	1190;	123.5
741	Heating equipment and parts, n.e.s. (6/78 = 100),	100.5	100.0	. 1101	1107	114.0	. 110.0 <sub> </sub>	120.0	123.4	120.0	120.0	127.5	100.7
	fob fac			101.4			105.7	106.6	115.2	1138	1192	122 7	124.7
742 743	Pumps for liquids, and parts rile.s. (6/78 = 100), fob fac. Air pumps, compressors, blowers, centrifuges, filtering		100.0	101.0	105 2	108 1	108.7	110.5	114.4	117 1	1183	121 2	123 0
743	apparatus and parts n.e.s. (6/78 - 100), fob fac		100 0	99.0	1023	104.5	106.2	108.4	1127	116.5	118.2	125.2	126 1
743	Centrifuges and filtering apparatus (6/81 - 100) 4		!	!				<del>-</del> .	`		-		_
744	Mechanical handling equipment (6/78 = 100) fob fac 3	_	1000	1016	103 4	103.7	1066	109.3	111.4	1157	1179	120 4	124 6
7441	Powered industrial trucks (6/78 - 100), fob fac	_	100.0	102.2	103.2	107 1	109.7	114.0	1135	118.4	120.5	1240	128.2
745	Other nonelec machinery, tools, and mechanical appa-				•								
7451	ratus and parts, n e.s. (12/80 = 100) <sup>3</sup> ,		100.0	102 4	1043	105.5	107.1	108.1	1023	110.4	114.2		100.0
7452	Packaging, weighing and similar non-electric machin-	_	1000	102 4	1043	100.0	107 1	100 1	101 3	1 (1.7 14		1102	
7.0	ery and parts, n e s., tob tac	1038	107.1	1095	1118	1143	1153	118.1	119 5	123 3	127 7	133 7	135.7
749	Nonelectric parts and accessories of machinery, niels (6/79 100) 3						100.0	102.4	105 4	110.0	1126	1167	120.4
7491	Ball, roller and needle roller bearings, fas	100 2	102 4	103 5	108 3				105 4 118 5				
7492	Taps, cocks, valves, and similar appliances for liquid		- •			- •	. •	•	•			- •	
7493	flow control tob fac	102 7	1036	106 2	1076	1101	1124	1148	1158	123 7	126 6	127 5	131.7
1433	Clutches and transmission devices (3/79 100), fob fac		_		_	100 0	100 B	104 4	106 4	108.2	1123	1124	120 1
75 /		_	_		-	. 55 0	1000	107 4	.00 4	, UU &		1	, 20 1
. 75 (	Office machines and a iomatic data processing equip- ment 1	101.6	102.0	1025	1027	1024	100 B	101.7	102.3	99.0	100 A	1015	102 1
<b>7</b> 52												92 4	
See tootn	Automatic data Processing machines and units, tob fac												



Table 120. U.S. export price indexes for selected categories of goods, 1 1975-82—Continued

[June 1977 = 100 unless otherwise specified]

1974		<u> </u>	19	78		) L .	19	79			. 19	80	,
SITC	Category	Mar.	June	Sept	Dec	Mar	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
759	Parts, n.e.s. and accessories suitable for use with ma-	i	l			: ! !	ļ			į	•		
76	chines in 751 or 752 (6/78 = 100), fob fac  Telecommunications, sound recording and reproducing	:				į	i		i	i		[ 110.7 ] !	1
764	equipment <sup>3</sup>	103.2	Ì	:		t		!		İ	!	119.6	1
	sones for equipment in 76, fob fac	t	İ			1	:	•	1			121.0	
77 771 ,	Electric machinery and equipment 3  Transformers, rectifiers, and other non-rotating power	l	91.1	ĺ	!	!	!			i	i	:	1
772	machinery Electrical apparatus for making, breaking and protecting	į	1	1		j	!	i	1	; }	į	132.8	i
774 :	electric circuits, fob fac Electrical apparatus for medical and radiological equip-	104.5	107.6	107.9	108.5	109.7	112.7	i 115.7	110.4	122.0	130.0	129.7	130.3
7741	ment: Electric medical apparatus except radiological appara-	İ	1				• • •	 	<b>!</b>		<u> </u>	_	100.0
775	tus (12/80 = 100), fob fac Household appliances fob fac 3	104.8	104.9	106.5	107.1	108.5	109.4	112.4	114.6	119.7	122.0	124.4	
7757 .	ances, fob fac	104.8	   105.0	105.5	105.5	107 9	107.8	111.7	:   112.1	118.1	120.5	121.7	124.7
7758 776 ,		i	-	-	-	-	i –	_	-	-	100.0	106.2	107.1
	ductor diodes, transistors and integrated circuits, tob fac 3	.; 78.6	78.5	; ; 77.1	78.7	78.9	79.2	68.9	75.9	77.9	75.2	74.9	74.5
7763	Diodes, transistors, and similar semi-conductor de-	99.3	00.3	100.1	1100.1	100.1	100.0	99.9	106.2	106.6	1159	117.2	118.0
7764	vices and photocells, tob fac  Electric microcircuits including circuits.		71.1	l I	71.4			68.4	1	ł		1	
778	fob fac Other electric equipment <sup>3</sup>	99 1	96.9	97.5	98.3	100.1	102.9	104.5	109.6	115.4	117.7	121.1 132.7	124.2
7783 77831	Automotive electrical equipment, fob fac Electrical starting and ignition equipment for inter-	}	1	F	:	ļ	i	!		ł		İ	144.7
7784	nal combustion engines, fob fac	, 1070	¹ 107.3	: 108.0	108.0	104.0	104.7	105.3	106.1	114.5	117.0	117.9	
7788 '	Miscellaneous electrical machinery and parts, fob fac  Road vehicles and parts (3/80 = 100) 3	1	94.6	94 7	95.9	97.8	99.3	101.7	l	113.0	116.9 103.3	121.1 104.9	122.3
78 7810	Passenger automobiles (3/81 = 100) fas	`l	1	: _	1178	1222	128.8	131.4	133.8	136.9	143.4		144.
784 79	Other transport equipment:		:	1	:	-	1	i	İ		1		
79	aircraft 4	1047	106.5	110.1	1112.7	114.5	116.7	120.9	121.5	124 1	127.8	131.7	134.3
792 <b>7929</b>	Parts for aircraft and helicopters, far Parts for aircraft and spacecraft, fob fac	.: 103.1	ុ 105.9	111.4	112.0	1114.0	1173	121.2	121.2	122.2	127.7	133.5	134.4
8 87	Other manufactured articles:		1	!	•	İ	<b>i</b>			•			
872	apparatus 3.  Medical instruments and appliances (6/78 = 100)	104 7		1		1	i	1	1	1	1	i	;
874	iob fac	!	:			1		1		ì	i	117.2	1
8743	ments and apparatus 3  Nonelectrical instruments for measuring or controlling	104.5	; 106.6	1076	110.5	114.8	117.3	118.3	120.8	125.6	128.6	132.2	735.
0743	flow, depth, pressure of liquids, gases or tempera- ture, fob fac		108 4	. 109 7	1121	115 3	117.4	119.2	123.2	127.5	│ │131.4	↓ ↓  134.3	139.
8748	Electrical or electronic measuring, analysing, or con- trolling instruments, fob fac.											130.9	
88	Photographic apparatus and supplies, optical goods, watches and clocks (12/77 100)	1				Į.		j.			!	: 5 <b>⊧ 13</b> 0.7	ł
89	Miscellaneous manufactured articles. n.e.s. Plastic packaging materials and other articles of plastic	•				!	1	:			1	: }	
893 894	(3/81 · 100) fas	··i		•		· -		i _	: -	-	: -		·! -
8942	Toys and games (3/81 - 100) fob fac						' -	:	: _	-		! <b>-</b>	·
8947	Sporting goods (6/81 = 100) tob fac	; <b>-</b>				i -		. –		· -	. <del>-</del>	-	· ] -
895	Office and stationery supplies, n.e.s. (3/81 · 100) ·	: -	<u></u>							i		<u> </u>	: :
8952 898	Pens, pencils and fc intain pens, fas (9/81 - 100)  Musical instruments and accessories, record blanks and			<del>-</del>		·		·			.: _	!	
	phonograph records (3/81 = 100)	–		_		_				· _	. '	.: _	



Table 120. U.S. export price indexes for selected categories of goods, 1 1975-82-Continued

[June 1977 = 100 unless otherwise specified]

Category  Grain and grain preparations (3/80 = 100) 3	Mar.	June	Sept.	Dec	Mar.	June	Cont	•
Grain and grain preparations (3/80 = 100) 3	l l		<u> </u>	1		100.10	Sept.	De
Wheat (3/80 == 100)	1160	110.9	102.3	97.5	94.2	93.4	00.0	90
	104 1	96.1	95.7	100.2	93.0	87.3	88.0	1
Hard amber durum wheat (3/80 = 100), fob vessel	1118	96.3	84.0	82.6	82.4	80.3	71.4	76
Hard winter ordinary wheat (3/80 = 100), fob vessel	1020	97.2	97.8	103.6	95.3	87.0	90 5	
Soft red winter wheat (3/80 = 100), fob vessel	100.4	80.8	89.3	96.7	84.8	74.2	716	78
Dark northern spring wheat (3/80 = 100), fob vessel	1120	111.2	100.4	102.2	102.8	97.9	96.0	
Western white (3/80 = 100), fob vessel	104.8	98.7	97.5	99.9	91.7	97.0	98.9	104
Barley (3/80 = 100), fob vessel	146 2	122.8	105.1	96.7	102.3	100.0	82.7	79
Yellow corn (3/80 = 100), fob ressal	123 4	121.2	107.8	97.5	98.0	100.0	90.0	91
Yellow sorghum (3/80 = 100), fob vessei	1188	112.9	100.2	96.5	94.6	97.9	1	95
Vegetables and fruit:		1.12.0	100.2	00.5	34.0	37.7	67.5	1 33
Tomatoes, fresh, fob fac	155.4	123.8	1114	125.3	130 4	157.2	_	1
Edible nuts, fas	149.5	1		1		1	123.7	128
Dried fruit, fas	128.4		1				-	
Feed stuff for animals:	İ		1			1		
Food wastes, prepared animal feeds (6/78=100), fas	. 125.7	118.0	118.5	121.4	123.3	119.2	115.5	122
Crude materials:								
Raw hides and skins (8/80 = 100)	. 125.8	124.0	121.8	119.1	118.3	116.7	114.6	109
Hides	141.3	136.3		133.4				
Raw furskins (6/80 = 100)	. 98.1	I .	101.1	93.7	91.2	90.2	83 2	. 87
Oilseeds and oleaginous fruit (9/77 = 100) 3	. 88 5	89.7	84.2	78.8	76.8	77.1	70.8	71
Soybeans (3/80 = 100), fob vessel	. 111.2	113.3	106.0	99.8	96.6	97.0		89
Cork and wood 3	. 138.9	136.5	141.9	140.0				
Logs, sawn lengthwise, fas	139.3	,	I .	128.5				
Textile fibers 3	. 130.0	125.2	107.5	99.9			,	
Cotton *	131.5	123.0	98.7	1				90
Raw cotton, fas	131.4	122.8	98.3	88.4				1
Crude fertilizers and minerals 3	148.0	152.1	154.1		1 :			1
Crude fertilizers 3	137.1	142.7			1			
Phosphates, fas	137.1	142.7	142.8	1 '	• .			
Clay and other refracting minerals, n.e.s., fas	142.5	1	1					151
Metalliferous ores and metal scrap:		1	1					
Scrap metal of iron or steel (6/77 = 100), fas	127.5	126.0	111.9	102.3	109.6	103.8	92.2	91.
Mineral fuels:								
Bituminous coal (6/81 = 100), fas	_	100.0	102.2	101.7	104.6	105.0	105.2	103.
Chemicals:	1							1
Hydrocarbons, n.e.s. and their derivatives (12/78 = 160) (as	176 1	181 1	171 8	1617	1570	1640	1447	142.
Alcohols, phenois, phenoi-alcohols, and their derivatives, fas	143.7	1480	1524	140 4				140
Carboxylic acids, and their anhydrides halides peruxides and peracids and their	140.7	140.5	192.1	1-40.1	140.0	144.2	1=3.3	140
derivatives, fas	148.2	154.4	155.5	153.4	153.8	150.6	147.3	144
		i l		1	1	i 1		i
Interneosate manufactured products (9/81 == 100) 3				1				
Dubbas manufactures 1	80.2	80.3						65
Tires and tubos (9/70 - 100) too	135.3							
Article of riphor toe	121.4	124.9			1	_ ;		
Paner and panerhoard products (0.770 ±100) 3	139.9	141.7		1	- 1	- 1		155
Pency and paperboard (12/79 - 100) *	139.7	141.7	t t		i	- 1		135
Printing and writing near (2/84 = 100) **********************************	131.8	133.3						123
Kraft naper and naperhoard fee	100.0			L.			i	
Paper and paperhoard fee	158.0	158.7	1					124
	120.4	120.4	130.4	130.1	135.0	134.4	133.0	134
	125.1	1270	1200	1212	122 2	1222	1220	422
Nonmetallic mineral manufactures:	125.1	127.0	120.9	131.3	133.2	133.3	133.0	132
	150.6	155.7	1575	158.0	165 1	180 4	1740	170
iron and steel $(3/82 = 100)^3$	130.6	100.7	137.5					
Hoop and strip, of iron or steel fas	133.0	1272	1448					
Tube and pipe fittings of iron or steel, fob fac.	121 3	128 7	130 1	1318	122 2	135 3	1946	139
•				1	- 1	i	ŧ	
Nonterrous metals (9/81 = 100) 3		- 1		97.1	1	85 4	87 1	92
Silver, platinum and other metals of the platinum group (9/81), fas	-	- 1	100.0	95.5	89.9	722	81.4	107
Copper (6/79 = 100) 3	1179	107.1	1118	108.7	108 1	103.6	103 9	107
Copper and copper alloys, worked, fas	135 0 !	121.9	128.0	124.4	124.2	119.3		
Nickel (6/79 – 100), fas	120.8 1	125 1	126.5	128 2	128.6	128 7	129 0 !	128
Aluminum (9/81 - 100)	- ;	- i	100.0					
Metal manufactures, n.e.s. (3/82 = 100) 3	- !	;	_		100.0	100 6	100 7	100
Containers of iron, steel or aluminum, used for moving or packing goods, fas	1159	146.8	149 9	1475	156.5	159 5	156 3	156
Metal fasteners, fas	1370 :	1404	143.0	1322:	133.0 +	133 5	136.6	136
Tools for use in hand or machines 3,	156.8	157 1 i	1638	1654 :	173.1 🗄	1742	175 1	172
Other tools for use in hand	143.1	1438	146 1	1468	152.2	153 6	154.1	152
Manufactures of base metal, niels		: i	:	:				
Locksmiths' wares safes, etc. and hardware, nies, of base metal, fobilities	135 2	136 6	1426	1474	150.9	153 6	151 A	152
	Vegetables and fruit: Tomatoes, fresh, fob fac. Edible nuts, fas. Dried fruit, fas. Feed stuff for animals: Food wastes, prepared animal feeds (6/78=100), fas. Feed stuff for animals: Food wastes, prepared animal feeds (6/78=100), fas.  Crude materials: Raw hides and skins (8/80=100). Hides Raw hurskins (6/80=100) Oliseeds and oleaginous fruit (9/77=100) 3 Soybeans (3/80=100), fob vessel. Cork and wood 3 Logs, sawn lengthwise, fas. Textile fibers 3 Cotton 2 Raw cotton, fas. Crude fertilizers and minerals 3 Crude fertilizers and minerals 3 Crude fertilizers and minerals 3 Phosphates, fas. Ciay and other refracting minerals, n.e.s., fas Metalliferous cres and metal acrap: Scrap metal of iron or steel (6/77=100), fas. Mineral fuels: Bituminous coal (6/81=100), fas. Chemicals: Hydrocarbons, n.e.s. and their derivatives (12/78=160), fas. Alcohols, phenols, phenol-alcohols, and their derivatives, fas. Carboxylic acids, and their anhydrides halides, peruudes and peracids, and their derivatives (12/78=100), fas. Alcohols, phenols, phenol-alcohols, and their derivatives, fas. Carboxylic acids, and their anhydrides halides, peruudes and peracids, and their derivatives (12/78=100), fas. Arceles of rubber, fas. Paper and paperboard (12/78=100) Rubber manufactures (12/78=100) Paper and paperboard (12/78=100) Pap	Vegetables and fruit:         155.4           Edible nuts, fas.         149.5           Dried fruit, fas.         128.4           Feed stuff for animals:         125.7           Frood wastes, prepared animal feeds (6/78=100), fas.         125.7           Crude materialis:         125.8           Raw hides and skins (6/80=100).         125.8           Hides         141.3           Raw turskins (6/80=100)         981.1           Oliseeds and oleaginous fruit (9/77=100) 3         88.5           Soybeans (3/80=100), fob vessels.         111.2           Cork and wood 3         138.9           Logs, sawn lengthwise, fas.         193.3           Textile fibers 3         130.0           Cottod for (15)         131.5           Raw cotton, fas.         131.4           Crude fertilizers 3         131.4           Phosphales, fas.         137.1           Clay and other refracting minerals, n.e.s., fas.         137.1           Clay and other refracting minerals, n.e.s., fas.         137.1           Glay and other refracting minerals, n.e.s., fas.         137.1           Glay and other refracting minerals, n.e.s., fas.         137.1           Glay and other refracting minerals, n.e.s., fas.         137.1 <t< td=""><td>Vegetables and fruit:         155.4         123.8           Edible nuts, fas.         149.5         141.4           Dred fruit, fas.         125.7         118.0           Feed stuff for animals:         125.7         118.0           Food wastes, prepared animal feeds (6/78 = 100), fas.         125.7         118.0           Crude materials:         125.8         124.0         141.3         136.3           Raw furskins (6/80 = 100).         98.1         102.5         118.0         100.1         118.1         102.5         118.0         100.1         118.0         102.5         118.0         100.1         125.8         124.0         141.3         136.3         188.1         102.5         100.0         188.1         102.5         100.0         188.1         102.5         100.0         188.1         102.5         102.5         100.0         188.1         102.5         100.0         108.5         102.5         20.0         108.9         186.5         102.7         100.0         108.8         186.5         100.0         125.2         100.0         125.2         100.0         125.2         100.0         125.2         100.0         125.2         100.0         102.5         126.0         100.0         125.2         10</td><td>Vegetables and fruit:  Tomatose, fresh, fob fac.  Edible nuts, fas.  Dried fruit, fas.  128.4 125.5 122.7  Feed stuff for animals: Food wastes, prepande animal feeds (8/78 = 100), fas.  125.7 118.0 118.5  Crude materials:  Raw hides and skins (8/80 = 100).  Hides.  125.8 124.0 121.8  125.8 124.0 121.8  126.8 126.1 125.5 101.7  Raw hides and skins (8/80 = 100).  Hides.  126.8 126.1 125.5 101.7  Raw hides and skins (8/80 = 100).  127.8 127.1 128.0 125.5 101.7  Raw hides and skins (8/80 = 100).  127.8 128.1 120.5 101.1  128.1 120.5 101.1  128.1 120.5 101.1  128.1 120.5 101.1  128.2 50/peans (3/80 = 100). fob vessel.  138.3 138.3 138.5 13</td><td>  Vegetables and fruit:   Tomatoses, freah, fob fac</td><td>  Vegetables and fruit:</td><td>  Vegetables and fruit</td><td>Vegetables and fruit:  Tomatose, fresh, Nob fac</td></t<>	Vegetables and fruit:         155.4         123.8           Edible nuts, fas.         149.5         141.4           Dred fruit, fas.         125.7         118.0           Feed stuff for animals:         125.7         118.0           Food wastes, prepared animal feeds (6/78 = 100), fas.         125.7         118.0           Crude materials:         125.8         124.0         141.3         136.3           Raw furskins (6/80 = 100).         98.1         102.5         118.0         100.1         118.1         102.5         118.0         100.1         118.0         102.5         118.0         100.1         125.8         124.0         141.3         136.3         188.1         102.5         100.0         188.1         102.5         100.0         188.1         102.5         100.0         188.1         102.5         102.5         100.0         188.1         102.5         100.0         108.5         102.5         20.0         108.9         186.5         102.7         100.0         108.8         186.5         100.0         125.2         100.0         125.2         100.0         125.2         100.0         125.2         100.0         125.2         100.0         102.5         126.0         100.0         125.2         10	Vegetables and fruit:  Tomatose, fresh, fob fac.  Edible nuts, fas.  Dried fruit, fas.  128.4 125.5 122.7  Feed stuff for animals: Food wastes, prepande animal feeds (8/78 = 100), fas.  125.7 118.0 118.5  Crude materials:  Raw hides and skins (8/80 = 100).  Hides.  125.8 124.0 121.8  125.8 124.0 121.8  126.8 126.1 125.5 101.7  Raw hides and skins (8/80 = 100).  Hides.  126.8 126.1 125.5 101.7  Raw hides and skins (8/80 = 100).  127.8 127.1 128.0 125.5 101.7  Raw hides and skins (8/80 = 100).  127.8 128.1 120.5 101.1  128.1 120.5 101.1  128.1 120.5 101.1  128.1 120.5 101.1  128.2 50/peans (3/80 = 100). fob vessel.  138.3 138.3 138.5 13	Vegetables and fruit:   Tomatoses, freah, fob fac	Vegetables and fruit:	Vegetables and fruit	Vegetables and fruit:  Tomatose, fresh, Nob fac



Table 120. U.S. export price indexes for selected categories of goods, 1 1975-82—Continued

[June 1977 - 100 unless otherwise specified]

974	Catagoni		, 19	81		<u>.</u>	. 19	82	r
ITC	Category	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Deu
-	Attachment and an impact and an interpret	!				!			1
7	Machinery and transport equipment, excluding military and commercial aircraft (12/78 = 100) 4	1214	: : 123 2	126.4	129.0	. 130.9	132.7	133.5	134.
71	Power generating machinery and equipment (12/78 = 100) 3	132 1	135.4	142.5	144.7	147.4	149.0	151.6	151.
713	Internal combustion piston engines, parts (12/78 = 100) 3	135.5	137.7	145.8	146.8	149.7	151.5	155.9	156.
	Parts of internal combustion piston engines, fas	149.0	150.7	155.8	156.7	163.2	162.3	165.7	167.
7139	Electric motors, generators, and other rotating plant, fob fac	1240	136.4	1410	1437	146 9	148.0	147.0	148
716		i	į.	:	!	1	:		
72	Machinery specialized for particular industries (9/78 = 100) 3	131.9	134.4	137.7	142.8	144.0	145.9	146.9	147.
721	Agricultural machinery (excl. tractors and parts (9/78=100) 3	123.5	124.9	<b>127</b> 9	134.2	133.5	135.0	138.1	142.
7211	Agric. machinery for preparing and cultivating the soil (6/78 = 100), fob fac	129.1	130.8	132.6	135.6	139.2	139.8	140.9	143.
7212		133.9						150.8	
722	The state of the s	151.6						160.2	
723	Civil engineering and contractors' plant and equipment and parts 3	151.3	155.2			169.6		173.0	
7234		151.6	155.1			166.4		171.4	i
		151.4	155.5			171.2		174.0	ľ
7239	Textile and leather machinery and parts (3/79=100) s	126.0	126.4			133.8		136.7	1
724	Textile and leather machinery and parts (3/79=100)	1170	118.0			121.7		126.9	1
724	1 extile machinery, excl. /2499, /2494, and /246 (6//8 = 100), for fact *	107.8	10.9	f	1	3	1	1	1
7247	Textile finishing machinery and parts, n.e.s. (6/79=100), fob fac	121.4	121.9	i	1	126.3	i	133.1	
726	Printing and bookbinding machines and parts n.e.s. (9/78 = 100), fob fac	120.3	123.1			127.9		131.3	•
728	Machinery specialized for particular industries, n.e.s., 10b fac 3	143.1		,	1	155.0	ł.	158.2	i .
284	Machinery and mechanical appliances, n.e.s. (6/80 = 100), fob fac	108.2				117.3		120.3	
73	Metalworking machinery (6/78 = 100) 3	130.5	134.1		139.9	142.6	1	145.6	
736	Metalworking machine tools and parts (6/78 = 100), fob fac	132.1	135.7	139.1	139.7	143.1	146.8	147.7	148
		ì	404.0	1000	1000	140.9	1426	143.4	140
74	General industrial machines and parts n.e.s. (9/78 = 100) 3	128.9	131.3	135.0				1	
741	Heating and cooling equip. and parts n.e.s. (6/78 = 100), tob fac	130.4		133.8		139.7		140.5	1
741	Cooling equipment and parts, n.e.s., fob fac 4	142.5	144.8	144.9	1	151.3		1	150
741	Heating equipment and parts, n.e.s. (6/78 = 100), tob fac 4	128.2	131.5	133.0		138.8	1	140.1	1
742	Pumps for liquids, and parts n.e.s. (6/78 = 100), fob fac	132.7	135.3	136.8	138.7	142.5	144.3	146.6	147
743		i	:	1		ļ	1	1	ļ
	(6/78 = 100), fob fac	130.3	134.0	143.5	147.8	150.2	153.0	153.3	150
743		. –	100.0	104.5	107.2		112.5	113.7	1113
744		128.1	129.0	132.6	136.0	139 2	139.6	141.4	140
,		1	1			İ			
7441	Powered industrial trucks (6/78 = 100), tob fac	130.9	132.3	134.3	138.3	140.1	139.0	136.1	132
745	Other nonelec, machinery, tools, and mechanical apparatus and parts, n.e.s.	İ		1	ł	İ	[	1	Ì
	(12/80 = 100) <sup>3</sup>	.į 101. <b>7</b>		108.3			113.0	114.0	
7451	Motorized nonelectric hand tools (6/78 = 100), fob fac	. 122.0	125.4	128.1		129.8		132.3	
7452	Packaging, weighing and similar nonelectric machinery and parts, n.e.s., fob fac	136.8	141.2	146.3		153.0		155.4	155
749	Nonelectric parts and accessories of machinery, n.e.s. (6/79=100) s	. 125.1	127.0				138.2	138.9	1
7491	Ball, roir and needle roller beannus, fas	. 150.3	150.3	158.5	162.6	166.2	172.4	172.7	
7492	Taps, cocks valves, and similar appliances for liquid flow control, fob fac	137.6	140.0	143.4	145.5	149.1	153.0	153.4	155
7493	Clutches and transmission devices (3/79 = 100), fob fac	. 122.9	124.1	126.2	129.5	130.4	133.9	136.1	136
		i	1	i	1	1	i		1
75		104.8	105.7	107.8	107.1	106.2		103.9	
752	Automatic data processing machines and units, fob fac	94.6	95.1	97.7	97.8	95.2	92.8	91.7	91
759	Parts, n.e.s. and accessories suitable for use with machines in 751 or 752	j	i <u>-</u> -	l <u>-</u>	1		1	447.0	
	(6/78 = 100), tob tac	. 116.0						117.8	
76	Telecommunications, sound recording and reproducing equipment 3	. 121.0	121.4	124.1	125.5	126.8	128.2	128.7	129
764	Telecommunications equipment, n.e.s., parts and accessories for equipment in 76.	į		}	!	ļ		i	1
	10b fac	. 122.5	123.1	126.2	128.4	129.5	130.7	131.6	132
	Plant I will a sign and the	1020	1020	104 5	106.3	1070	1088	108.5	. 108
77	Electric machinery and equipment 3	1444	1460	140.4	150.5	152.0	161.0	11520	152
771	Transformers, rectifiers, and other non-rotating power machinery	141.4	190.0	198.4	100.5	132.0	1447	147.0	1 45
772		132.7	134.2	135.0	139.0	142.3	1144.7	147.0	140
774	Electrical apparatus for medical and radiological equipment:	1000	14044	:  40=4	1000	1074	107.0	: 100 4	
7741	Electric medical apparatus except radiological apparatus (12/80 = 100), tob fac	. 100.6	104.1	105.1	105.9	107.1	107.3	108.4	i 11
775	Household appliances, fob fac 5	. 131.4	133.1	136.8	¦138.1	140.9	141.1	142 4	142
7757	Miscellaneous electromechanical household appliances, fob fac for the factor of	. 131.9	135.0	137.4	138.4	138.8	1385	141.9	14
7758	Electro-thermic appliances 5/80 = 100), for fac	, 109.6	110.0	111.8	114.2	116.7	116.9	119.3	111
776	Electronic components inclusion tubes and comiconductor diodes transistors and		į.	1	•	,			1
	integrated circuits, fob fac 3	. 73.4	69.5	69.8	71.8	707	<sub>1</sub> 72.1	: 703	1 6
700	Diodes, transistors, and similar semiconductor devices and photocells, fob fac			:	i	1			
7 <b>7</b> 63	Diodes, transistors, and similar semiconductor devices and photocens, 100 fac	.: 110.Z	ED 0		540	E17.3		50.7	4
7764	Electronic microcircuits including integrated circuits, fob fac	. 38.0	100.0	120.4	1202	1212	11212	. 121 6	12
778	Other electric equipment 3	146.0	120.0	140 0	150.0	101.0	152.4	152.0	15
<b>78</b> 3	Automotive electrical equipment, tob fac	145.4	150.1	149.8	153.0	1.00.1	100.4	155.2	13
<b>78</b> 3 1	Electrical starting and ignition equipment for internal combustion engines		1	1400	1505	1520	1460	146 5	15
_	fob fac	1454	150.2	11499	100.5	11000	11900	1124 1	110
784	Electromechanical tools, fas	12/0	130.0	130.1	1133.5	11384	1007	1340	13
788	Miscellaneous electrical machinery and parts, fob fac	. 124.0	124 9	; 127.6	126.5	126.4	1 126.8	12/.4	! 12
7.0	Road vehicles and parts (3/80 = 100) 3	1101	1121	1133	.1167	1192	121.2	122 B	12
78	Pagagores automobiles (2/84 - 100) 4 a.	1000	1020	103.0	108.0	1079	107.9	107.9	111
7810		154 5	160 0	150 5	162.1	166 A	170 5	172 5	17
784	Marie and accessones for Man Vanicias 198	1 34.5	100.0	130.0	· VZ. I	, 55.4			



# Table 120. U.S. export price Indexes for selected categories of goods, 1 1975-82—Continued

[June 1977 = 100 unless otherwise specified]

1974	Category		19	981	_	1	19	82	
SITC	Category	Mar.	June	Sept.	Dec.	Mar.	June	Sept.	Dec.
79	Other transport equipment:							i I	
79	Other transport equipment, excl. military and commercial aircraft 4	141.7	145.4	151.7	154.6	160.8	166.5	168.2	171.6
792	General aviation aircraft and helicopters, faf 4	137.8	139.2	141.4				156.9	
7929	Parts for aircraft and spacecraft, fob fac	138.6	143.6	151.4				169.7	
8	Other manufactured articles:			1					-
87	Professional, scientific and controlling instruments and apparatus <sup>3</sup>	444.4	1440	140.4	150 1	1507	160 7	400 4	400.0
872	Medical instruments and appliances (6/78=100), fob fac	126.0	1276	190.4	130.1		160.7	162.1	163.0
874	Measuring, checking, analysing and controlling instruments and apparatus 3	141 8	145.0			1			1
8743	Nonelectrical instruments for measuring or controlling flow, depth, pressure of	141.0	145.8	148.0	151.4	159.5	102.0	163.9	104.4
	liquids, gases or temperature, fob fac	1424	1468	149 5	153.4	158.0	160.5	161.8	1828
8748	Electrical or electronic measuring, analysing, or controlling instruments, fob fac	140.9	145.5	149.5	151 1	160.2		164.5	
88	Photographic apparatus and supplies, optical goods, watches and clocks	140.0	140.0	140.5	131.1	100.2	102.0	104.5	104.8
	(12/77 = 100)	134.3	128.7	127.6	128 5	133.1	132.7	132.8	132.8
89	Miscellaneous manufactured articles, n.e.s.:					Ì		100.0	100.0
890	Plastic packaging materials and other articles of plastic (3/81 = 100), fas	100.0	101.1	104.9	104.5	104.4	105.3	108.9	108.6
894	Toys, games and sporting goods (6/81 = 100) 3		100.0	101.3			103.5	104.3	105.8
8942	Toys and games (3/81 = 100), fob fac	100.0	101.5	101.5	101.2	102.6	105.1	105.1	105.4
8947	Sporting goods (6/81 = 100), fob fac	_	100.0	104.0	100.5	101.4	102.6	104.8	106.9
895	Office and stationery supplies, n.e.s. (3/61=100) 3	100.0	102.3	102.2	104.4	103.5	104.0	103.1	103.1
8952	Pens, pencils and fountain pens, fas (9/81 = 100)	_	_	100.0	102.6	1016	101.9	100.8	100.8
898	Musical instruments and accessories; record blanks and phonograph records	_	_	100.0	102.0	101.6	101.9	100.8	100.8
1	(3/81 = 100)	100.0	102.1	101.1	100 2	100.0	101.4	100.7	97.1
898	Musical instruments (6/81 = 100) *		100.0	101.0	102.1	105.0	99.7	99.7	99.9
i			. 00.0		102.1	. 00.0	55.7	30.7	30.3

<sup>&</sup>lt;sup>1</sup> Indexes have been weighted using 1980 export value and product classification system.

n.a. Not available.

fob fac Free on board, factory.

fob fp Free on board, foreign port.

fas Free alongside ship.

faf Fly away factory.

fob vessel. Free on board, sea going vessel.

NOTE: Dashes indicate data are not available.



371 382

<sup>&</sup>lt;sup>2</sup> Data for the following SITC categories before 1975 are available on request: 2631, 6924, 694, 7139, 716, 741, 774, 775, 778, 7788, 784, 8743,

<sup>&</sup>lt;sup>3</sup> Also includes price data in categories not shown separately.

<sup>&</sup>lt;sup>4</sup> Product categories included in this SITC have been modified due to concordance of coverage limitations.

n.e.s. Not elsewhere specified.

Table 121. Selected characteristics and weekly expenditures of urban consumer units classified by quintiles of income before taxes, Diary Survey, 1980-81

	<b>A</b> 11		Со	mplete repor	ting of incom	1 <b>6</b>		Incom-
Item	All consumer units	Total complete reporting	Lowest 20 percent	Second 20 percent	Third 20 percent	Fourth 20 percent	Highest 20 percent	plete reporting of incom
lumber of consumer units in universe (in thousands)	70,040	54,266	10,828	10,864	10,857	10,842	10,878	15,77
CONSUMER UNIT CHARACTERISTICS						1		
Income before taxes	\$15,219	\$19,188	\$3,562	\$9,417	\$18,190	\$24,253	\$42,440	\$1,58
Size of consumer unit	2.8	2.6	1.7	2.3	2.7	3.1	3.3	2.
Age of householder	45.7	44.4	50.4	45.2	41.5	41.3	43.6	50.
Number in consumer unit			ا ۾	• •	1.4	1.7	2.1	1
Earners	1.3 1.4	1.4	.6 .6	1.0 1.1	1.5	1.8	2.2	i
Vehicles	1.4	.8	.6	.7	.8	1.0	1.0	
Children under 18 Persons 65 and over	.3	.3	.5	.4	.2	.1	.1	i
Percent homeowner		59	37	43	57	70	87	
AVERAGE WEEKLY EXPENDITURES								
Food. total		<b>\$</b> 53.24	\$27.85	\$39.52	\$52.00	\$65.85	\$80.88	\$41.0 27.0
Food at home, total	34.15	35.97	20.59	28.92	35.27	44.50	50.49 8.35	3.4
Cereals and bakery products, total	4.34	4.58	2.72	3.73	4.52 1.49	5.60 1.79	1.88	1.0
Cereals and cereal products	1.38	1.48 3.11	.97 1.78	1.27 2.46	3.02	3.81	4.49	2.
Bakery products		12.23	6.85	9.68	11.71	15.79	17.30	9.
Meats, poultry, fish, and eggs, total Beef	1	4.74	2.29	3.39	4.50	8.47	7.06	3.
Pork	1	2.48	1.37	2.03	2.38	3.35	3.25	1.
Other meats	1	1.64	.88	1.39	1.64	1,96	2.34	1.
Poultry	1	1.60	1.06	1.41	1.52	1.85	2.14	1.
Fish and seafood		1.08	.58	.83	.98	1.35	1.66	
Eggs		.89	.48	.64	.89	.80	.85 8.89	3.
Dairy products, total		4.77	2.78	3.78	4.72	5.71 3.00	3.34	1.
Fresh milk and cream		2.51	1.58	2.08 1.89	2.56 2.18	2.71	3.55	i.
Other dairy products		2.28 5.53	1.20 3.39	4.89	5.40	8.42	7.75	4.
Fruits and vegetables, total	1	1.83	1.07	1.32	1.57	1.82	2.35	1.
Fresh vegetables	1	1.82	.94	1.49	1.58	1.87	2.23	1.
Processed fruits	1	1.27	.81	1.07	1.18	1.50	1.81	1.
Processed vegetables	1	1.01	.57	.80	1.07	1.24	1.36	۔
Other food at home, total		8.85	5.05	7.06	8.93	10.97	12.21	8.
Sugar and other sweets		1.33	.80	1.00	1.35	1.82	1.87 1.41	
Fats and oils		1.01	.59	.88	.99 3.39	1.21	4.66	2
Miscellaneous prepared foods,		3.31	1.78 1.88	2.58 2.63	3.35	3.98	4.27	2
Nonalcoholic beverages Food away from home	1	3.19 17.27	7.26	10.60	18.73	21.35	30.37	13.
•		5.85	2.32	3.85	5.44	7.09	9.74	3.
Alcoholic beverages		2.97	1.85	2.57	3.53	3.82	3.48	2
Personal care products and services	`` <b>1</b>	4.14	2.04	2.84	3.97	4.89	8.96	3.
Nonprescription drugs and supplies		1.68	1.04	1.44	1.81	1.72	2.37	1.
Housekeeping supplies	4.18	4.48	2.10	3.18	4.01	5.87	7.34	3
Energy. total	32.22	34.02	18.86	27.07	33.85	41.59	50.85	26
Electricity and natural gas	. 12.01	12.84	7.70		12.13	14.91	18.34	9
Fuel oil and other fuels	3.06	3.05	2.17	2.85	3.32	3.57 23.11	3.34 29.14	13
Gasoline. motor oil, and additives	17.15	18.13	8.99	13.17	18.20	23.11	20.14	
SOURCE OF INCOME BEFORE TAXES	015 010	640 400	62 580	\$9,417	\$18,190	\$24,253	\$42,440	.\$1.5
Income before taxes, total		\$19,188 15,472	\$3,562 1,317	5,717	12,706	21,045	38,507	
Wages and salaries		831	-332		551	1,044	2,664	1
Net business and farm income	1,321	1,826	1,585		1,837	1,139	1,258	1 2
Interest, dividends, and other asset income	452	544	119	i '	485	539	1,283	
Other income	603	1	872		611	487	728	2



Table 122. Selected characteristics and weekly expenditures of urban consumer units classified by income before taxes, Diary Survey, 1980-81

	A 11	İ		Complete	e reporting o	f income			Incom-
Item	All consumer units	Total complete reporting	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$29,999	\$30,000 and over	plete reporting of incom
lumber of consumer units in universe (in									
thousands)	70,040	54,266	7,600	9,670	8,057	6,907	11,672	10.360	15,77
CONSUMER UNIT CHARACTERISTICS		[							
	<b>0</b> 45 040				*****	04-00	****		
Income before taxes		\$19,188 2.6	\$2,609	\$7,344	\$12,351	\$17,294	\$24,344	\$43,175	\$1,56
Age of householder		44.4	1.6 49.8	2.1 48.4	2.4 43.0	2.9 41.1	3,1 41,2	3.3 43.6	2 50
Number in consumer unit		44.4	48.0	40.4	43.0	41,1	41.2	43.6	30
Earners		1.4	.6	.8	1.2	1.5	1.7	2.1	1
Vehicles		1.4	.6	.9 .9	1.3	1.5	1.8	2.2	1
Children under 18		.8	4	.6	.7	1.0	1.0	1.0	·
Persons 65 and over	.3	.3	.4	.5	.3	.2	,1	.1	
Percent homeowner	61	59	33	43	47	62	70	86	6
AVERAGE WEEKLY EXPENDITURES									
						_			
Food, total	\$50.50	\$53.24	\$26.68	\$34.69	\$44.39	<b>\$</b> 54.60	<b>\$66</b> .01	\$81.61	\$41.0
Food at home, total	34.15	35.97	19.80	26.26	30.47	37.39	44.42	50.83	27.8
Cereals and bakery prod-									_
ucts, total	4.34	4.58	2.86	3.44	3.77	4.84	5.63	6.35	3.4
Cereals and cereal prod-	1.00	4.40	ا م	1 10	4.00	4.50	4 70	100	
ucts		1.48	.95	1.16	1.30	1.59	1.79	1.86	1.0
Bakery products	2.96	3.11	1.71	2.28	2.47	3.25	3.84	4.49	2.4
total	11.62	12.23	040	8.61	10.07	40.50	1561	1751	9.5
Beef	4.48	4.74	6.42 2.26	2.97	10.07	12.58 5.03	15.61 6.30	17.51 7.19	3.5
Pork	2.34	2.48	1.31	1.78	3.56 2.19	2.43	3 32	3.30	1.0
Other meats		1.64	.82	1.76	1,30	1.79	2.02	2.31	1.0
Poultry	1.52	1.60	1.02	1.28	1.46	1.58	1.84	2.15	1,3
Fish and seafood		1.08	.57	.71	.90	1.05	1.32	1.69	.9
Eggs		.69	.45	.60	.64	.69	.81	.87	
Dairy products, total	4,54	4.77	2.49	3.55	4.08	4.85	5.79	6.93	3.7
Fresh milk and cream		2.51	1.43	2.00	2.20	2.62	3.04	3.35	1.8
Other dairy products		2.26	1.06	1.55	1.87	2.23	2.75	3.58	1.8
Fruits and vegetables, total		5.53	3.27	4.24	4.89	5.56	6.45	7.85	4.6
Fresh fruits	1.59	1.63	1.06	1.23	1.39	1.58	1.83	2.39	1.4
Fresh vegetables	1.57	1.62	.88	1.26	1.59	1.56	1.89	2.27	1,3
Processed fruits	1.22	1.27	.79	1.01	1.04	1.27	1.48	1.83	1.0
Processed vegetables	.96	1.01	54	.73	.86	1.15	1.25	1.35	
Other food at home, total		8.85	4.75	6.42	7.86	9.56	10.94	12.19	
Sugar and other sweets	1.24	1.33	.79	.92	1.13	1.44	1.64	1.82	
Fats and oils	.96	1.01	.57	.81	.83	1.04	1.22	1.42	.7
Miscellaneous prepared foods	3 08	3.31	1.20	0.06	2.86	3.66	4.13	4 70	2.2
Nonalcoholic beverages	3.05	3.19	1 68 1,71	2.26 2.43	2.84	3.42	3.96	4.25	2.5
Food away from home	16.35	17.27	7.08	8.43	13.93	17.21	21.58	30.78	13.1
. Out and more from the first the fi			7.50	0.40	10.00	17.21	<b>L</b> 1.30	00.70	
Alcoholic beverages		5.85	2.27	3.15	4.40	1	6.96	9.96	3.6
Tobacco products and smoking supplies		2.97		2.24	3.31	3.48	3.57	3.44	2.2
Personal care products and services		4.14		2.40	3.21	į.	5.13	6.83	3.3
Nonprescription drugs and supplies		1.88	.90	1.39	1.87	1.51	1.85	2.28	1.4
Housekeeping supplies		4.46	1.97	2.75	3.57	;	5.72	7.35	3.1
Energy, total	32.22	34.02		24.06	30.93	34.93	41.40	51.18	26.0
Fuel oil and other fuels	12 01 1 3 06 1	12.84	7 11 ; 1 69 ;	10 12 i	11.89		14.76	18.67	9.1
Gasoline, motor oi!, and additives			5.62	10 91	2.78 16.25	3.90 ¦ 18.98 ;	3.29 23.35	3.45 29.06	3.1 13.7
	17 13	10.13	3.02	1031	10.23	10.30	20.00	29.00	10.7
SOURCE OF INCOME BEFORE TAXES	<b>¢</b> 15 210	£10 100	\$2 enn	¢7 944 ·	£10.054	¢17.204	€24 244 <sup>1</sup>	<b>€</b> 42 475	<b>6</b> 1 EE
Income before taxes, total	\$15,219 12,186	\$19.188 15.472	\$2.609 974 ;	\$7,344 · 3,519 ·	\$12,351 8,768	\$17,294 = 13,877 -	\$24.344 21,225	\$43,175 37,060	\$1,56 88
Net business and farm income	657	831	477 :	107	364		983	2.813	5
Social security and other pension	007	331	<b>→//</b> :	107	304 1	390	aos ,	2.013	2
income	1,321	1. <b>62</b> 6	1,263	2,432	2,064	1.759	1,155	1,240	27
Interest, dividends, and other asset		HUEU .	1,200 .	2,702	2,004	1.730	1,100	1,270	د.
income	452	544	86	228	<b>43</b> 0	499	511	1,329	13
Other income	603	715	763	1,058	724	560	470	733	21



Table 123. Selected characteristics and weekly expenditures of urban consumer units classified by age of householder, Diary Survey, 1980-81

mati	All consumer units	Under 25	25-34	35-44	45-54	55-64	65 and over
mber of consumer units in universe (in thousands)	70,040	8,239	16,482	11,224	10,501	10,338 +	13,257
CONSUMER UNIT CHARACTERISTICS			t Į	İ	:		
·	\$15,219	\$9,458	\$17,195	\$20,824	\$19,508	\$15,871	\$7,693
Income before taxes	2.6		2.8	3 7	31 ;	23	1.7
Size of consumer unit.		21.4	29.4	39.0	49.6	59.3	73.1
Age of householder	45.7	21.4	23.4	30.0			
Number in consumer unit	4.0	1.2	14	1.8	20	1.4	.4
Earners	1.3	1 .	1.4	1.7	1.9	1.5 :	.9
Vehicles	1.4	! 1.0 } ı .4 İ	1.1	1.7	.8	2	.1
Children under 18	.7	1 .	.c !	.0	0	1 .	1.3
Persons 65 and over	.3	.0 i	48	73 i	77 :	76	71
Percent homeowner	61	14	40	73	,,	;	
AVERAGE WEEKLY EXPENDITURES			•	200.50	#60 06	¢51.11	\$34.79
Food, total	<b>\$5</b> 0.50	\$29.19	\$51.81	\$69.59	\$63 96 :	\$51.11	26.32
Food at home, total	34,1t	18.70	33.24	47.28	42.87	36.41	3.41
Cereals and bakery products, total	4.34	2.19	4.14	6.12	5.47	4.47	1.02
Cereals and cereal products	1.38	.73	1.42	2.02	1.68	1.31	
Bakery products	2.96	1.46	2.72	4.10	3.79	3.16	2.39
Meats, poultry, fish, and , total	11.62	4.95	11.36 j	16.49	14.64	12.82	8.82
Beef	4.48	1.74	4.59	6.85	5.60	4.92	2.98
Pork	2.34	1.01	2.25	3.30	2.93	2.56	1.81
Other meats	1.58	.68	1.44	2.31	1.97	1.84	1.10
Poultry	1.52	.89	1.54	1.99	1.90	1.63	1.2
Fish and seafood	1.04	.51	.92	1.37	1.38	1.19	.8
Eggs	.66	.32	.62	.87	.85	.70	.5
Dairy products, total	4.54	2.37	4.57	6.43	5. <b>6</b> 6	4.48	3.4
Fresh milk and cream	2.38	1.34	2.41	3.42	3.03	2.22	1.7
Other dairy products	2.18	1.03	2.16	3.01	2.82	2.28	1.7
Fruits and vegetables, total	5.34	2.48	4.83	6.84	8.87	6.11	4.8
Fresh fruits	1.59	.64	1.29	1.97	2.02	1.96	1.6
Fresh vegetables		.78	1.39	1.99	2.03	1 80	1.3
Processed fruits	1.22	.58	1.16	1.55	1.43	1.33	1.1
Processed vegetables	: _	.48	.98	1.33	1.19	1.01	.8
Other food at home, total	1	1	8.35	11.41	10.44	8.54	
Sugar and other sweets	1.24		1.17	1.75	1.48	1.31	
Fats and oils	1		.88	1.28	1.25	1 06	
Miscellaneous prepared foods		1	3.43	4.30	3.70	2.82	
Nonalcoholic beverages	3.05		2.87	4.08	4.01	3.34	
Food away from home	1	1	18.57	22.31	21.09	14.70	8.4
Alcoholic beverages	1	5.51	5.78	6.37	7 07	4 56	2.3
Tobacco products and smoking supplies			2.84	3.31	3.82	2 97	1.5
Personal care products and services	3.95	_	3.71	4.88	5.31	4.46	
Nonprescription drugs and supplies	-,		1.24	1.49	2.08	2.09	2.0
Housekeeping supplies	4.18		4.04	5.67	5.33	4.68	
Energy, total	1	1	·	40.20	41 76		23.3
Electricity and natural gas				15.81	14.90		
Fuel oil and other fuels	4	1	2 16	2.75	3.25		
Gasoline, motor oil, and additives		1	19.02	21.64	23.61	17.30	. 8.9
SOURCE OF INCOME BEFORE TAXES			:				
Income before taxes, total	\$15,219	1		\$20,824	\$19,508	\$15,871 11,678	\$7,69 1,96
Wages and salaries	. 12.180	1		18,457	16.760	854	
Net business and farm income	. 657			1,155	889		
Social security and other pension income	<sub> </sub> 1,321					689	9
Interest, dividends, and other asset income	} 452		:	232	520	405	
Other income	. 603	3 <u>†</u> 1.050	1 657	684	. 662	400	2.



Table 124. Selected characteristics and weekly expenditures of urban consumer units classified by size of consumer unit, Diary Survey, 1980-81

ltem	All consumer units	One person	Two	Three persons	Four	Five persons	Six or more persons
Number of consumer units in universe (in thousands)	70,040	20,086	20,302	11,624	9,979	4,714	3,335
CONSUMER UNIT CHARACTERISTICS	į	:		•			
Income before taxes	\$15,219	\$8,207	\$15,524	\$18,559	\$20,225	\$21.806	\$13,669
Size of consumer unit		10	20	3.0	4.0	50	67
Age of householder	45.7	47.0	51.7	42.2	38.7	40.6	42 1
Number in consumer unit	:						
Earners	1.3 ;	.6	1 2	1.7	19	20	2 5
Vehicles	1.4	.7	1,5	1,8	1.8	20	19
Children under 18	.7	.0		.8	1 7	2.5	36
Persons 65 and over	3	.3	5	2	1	1	1
Percent homeowner	61,	35	. 69	68	74	82	74
AVERAGE WEEKLY EXPENDITURES	ı 1		,	•			
Food, total	\$50.50	<b>\$</b> 25.88	\$47.74	<b>\$</b> 57 38	<b>\$</b> 69 67	\$79 29	\$93.47
Food at home, total		14.29	31.44	39 58	49.10	57 51	73.56
Cereals and bakery products, total	4.34	1.76	3.86	4 96	6.42	7 77	9.45
Cereals and cereal products		53	1 15	1 53	2 00	2 71	3 73
Bakery products		1 ≥4	2.71	3 44	4.43	5 06	5 /2
Meats, poultry, fish, and eggs, total	11.62	<b>4</b> 30	10.62	13.71	16.64	19 57	28 13
Beef	4.48	1.50	3.98	5.28	6.48	7 8 1	12.04
Pork	2 34	.82	2.20	2 75	3.16	4 05	5.94
Other meats	1.58	.56	1.40	1 96	2.42	2 78	3 23
Poultry	1 52	.66	1.37	1.84	2.03	2 40	3.67
Fish and seafood	1.04	.46	1.68	1,12	1.64	1.42	1.75
Eggs	.66	.30	.59	.75	92	1 10	1 50
Dairy products. total	4.54	1.87	3 97	5 13	6.84	8 18	9.92
Fresh milk and cream	2.38	.88	1 86	2 80	3 70	4 53	6 04
Other dairy products	2.16	99	2.11	2 33	3 14	3.65	3.88
Fruits and vegetables, total	5.34	2.68	5 38	5 9 1	7.29	7 98	9 52
Fresh fruits	1.59	.83	1.68	1 69	2.13	2 12	2 94
Fresh vegetables		.82	1.60	1 74	2.03	2 29	2.91
Processed fruits	1.22	.61	1.20	1.38	1.72	1 94	1 95
Processed vegetables	:	.42	.90	1 11	1 41	1 63	1.73
Other food at home, total		3.67	761	9 87	11 90	14 01	16 54
Sugar and other sweets		.54	1.19	· 111	1 71	2 18	2 50
Fats and oils		39	93	3 82	1.37 4.62	1.63 5.34	1 87 6 51
Miscellaneous prepared foods	3.08 3.05	1 20 1 44	2 56 2.93	3 57	4.02	4 85	5.66
Food away from home		11.59	16.30	17.60	20.57	21.78	19.91
Alcoholic beverages	5 20	4 55	5.:	5 54	5 51	5 46	5 72
Tobacco products and smoking supplies	2.80	1 92	2 5	3.45	3 24	3.51	3.70
Personal care products and services	3 95 .	2 38	4 34	4.53	4.94	5 07	4 51
Nonprescription drugs and supplies	1 62	.89	2 09	2.10	1 71	1.48	1.41
Housekeeping supplies	4 16	1 72	4 24	501	5.88	6 77	6 67
Energy, total		16 77	32.10	39 61	43 52	47 05 18 58	45 61 17 70
Electricity and natural gas	1201	6.59 1.72	11 64 3 54	14.67 3.26	15.59 4.74	3 30	2.18
Gasoline motor oil, and additives	3.06 17.15	8.45	16.91	21.67	23.19	25.18	25 73
SOURCE OF INCOME BEFORE TAXES	1		,				
Income before taxes, total	\$15,219	\$8.207	<b>\$</b> 15.524	<b>\$</b> 18,559	\$20,225	\$21,806	\$19,669
Wages and salaries	12,186	5,844	11,160	15,681	18,198	19,225	16,508
Net business and farm income	657		763	738	755	767	1,227
Social security and other pension income		1,127	2,405	1,102	375	574	537
		-				_	
Interest, dividends, and other asset income	452	419	749	329	273	194	176



Table 125. Selected characteristics and weekly expenditures of urban consumer units classified by region of residence, Diary Survey, 1980-81

ltem	All consumer units	Northeast	North Central	South	West
mber of consumer units in universe (in thousands)	70,040	17,205	18.390	20.128	14,317
CONSUMER UNIT CHARACTERISTICS				20.720	
	<b>61</b> 5 210	614 000	£15.000	\$14,773	\$16.906
Size of consumer unit	\$15.219 2.6	\$14.230 2.6	\$15.320 2.7	25	2 5
	45.7 :	_	45 5	45 9	44.2
Age of householder	45.7	47 1	45 5	40 5	44.2
Number in consumer unit	10		14	13	1 4
Earners	13	13	1.5	14	1 5
Vehicles	•	1.2	· · · -	• •	
Children under 18	.7	7	8	7	
Persons 65 and over	.3	3	3	3	(
Percent homeowner	61 <u>:</u>	59	68	60	55
AVERAGE WEEKLY EXPENDITURES	1	•			
Food, total	\$50.50	\$53.76	\$50.46	\$47 CB	<b>\$</b> 50.57
Food at home, total.	34.15	37.09	34.84	31.63	33.28
Cereals and bakery products, total	4.34	5.03	4.36	3.88	4.11
Cereals and cereal products	1.38	1.50	1.38	1 26	1.42
Bakery products	2.96 '	3.53	2 98	2 62	2.69
Meats, poultry, fish, and eggs, total	11.62	12.83	12.04	10 84	10.71
_ *: **					
Beef	4.48	4.72	5.07	4.02	4.08
Pork	2.34 ;	2.27	2.67	2.26	2.10
Other meats	1.58	2.00	1.68	1 34	1 28
Poultry	1.52	1.76	1.27	1.54	1.52
Fish and seafood	1.04	1.39	73	1.02	1.0€
Eggs	.66	.69 '	.62 ;	66	.67
Dairy products, total	4.54	5.01	4 65	3 92 ·	4.69
Fresh milk and cream	2.38	2.52 ·	2.46	2 18	2 37
Other dairy products	2.16	2 49	2 19	1.74	2.32
Fruits and vegetables, total	5.34	6.03	5.04 ·	4 94	5 45
Fresh fruits	1.59 !	1.87	1.49	1 34	1 74
Fresh vegetables	1,57	1 72 -	1.45	1 52	1 61
Processed fruits	1.22	1.44	1.15	1.05	1.28
Processed vegetables	<b>36</b> ∶	1.01 ;	94	1.02	.83
Other food at home, total	8.32	8.18	8.75	8.05	8.32
Sugar and other sweets	1.24	1,24	1 32	1.21	1,17
Fats and oils	.96	95	1 02	.92	.94
Miscellaneous prepared foods	3.08	2.89	3.36	2 82	3 28
Nonalc, holic beverages	3.05	3.09	3.05	3 11	2 92
Food away from ome	16.35	16.67	15.63	16 05	17.30
	10.55	10.07	15.05	10 05	17.30
Alcoholic beverages	5.20	5.55	+ 85	4 38	6.40
Tobacco products and smoking supplies	2.80	2.90	3.01	2 74 +	2 48
Personal care products and services	3.95	3.72	3 88 :	4 01	4.24
Nonprescription drugs and supplies	1.62	1.47	1 84	1 65	1,48
Housekeeping supplies	4 16	4.39	4.41	3.82	4 07
Energy, total	32.22	34.06	33.95	32.79	27 02
Electricity and natural gas	12.01	12.06	13.90	12 41	8 99
Fuel oil and other fuels	3.06	6.98	1 97	2 15	1 05
Gasoline, motor oil, and additives	17.15	15.01	18.08	18.23	16.99
SOURCE OF INCOME BEFORE TAXES	1	:		;	
Income before taxes, total	\$15,219	\$14,230	\$15.320	\$14,773	\$16.906
Wages and salaries	12,186	11,309	12,276	12,123	13.212
Net business and farm income	657	570	822	302	1.051
Social security and other pension income	1,321	1,334	1,237	1.352	1,368
Interest, dividends, and other asset income	452	406	324	477	638



Table 126. Selected characteristics and weekly expenditures of urban consumer units classified by number of earners in consumer unit, Diary Survey, 1980-81

·	All ;	Single co	nsumers		er units of t	wo or more	persons
ltem	consurter ( units	No earner	1 earner	No earner	1 earner	2 earners	3 or more
umber of consumer units in universe (in thousands)	70,040	7,034	13,052	6,279	15,293	21,652	6,62
CONSUMER UNIT CHARACTERISTICS	!						
Income before taxes	\$15,219	\$3,752	\$10,607	\$7,228	\$15,003	\$21,279	\$24.86
Size of consumer unit.	2.6	1.0	1.0	2.5	3 1	3.1	4.
Age of householder	45.7	67.2	36.1	61 7	45 0	39 9	. 47.
Earners	1.3	.0	1.0	.0	10	20	3
Vehicles	1.4	.4	.8	1.0	1.5	. 18	2.
Children under 18 Persons 65 and over	.7	0	0	.6	1.2	10	
Percent homeowner	.3 <sup>‡</sup> 61 !	.7	.1	1.1	2	1	•
The state of the s	0.	49	27 ]	69	70	69	. 8
AVERAGE WEEKLY EXPENDITURES							•
Food at home total	\$50.50	\$22.36	•	\$42.11	\$55.77	\$60.71	•
Food at home total	34.15	16.29	13.22 ;	34.29	40.77		
Cereals and cereal products, total	4.34	2.16	1.55	4.49	5.13	5 01	
Bakery products	1.38 { 2.96 }	.67 1 49	.45 1.10	1 55 2.94	1.72	1 56	2.41
Meats, poultry, fish, and eggs, total	11.62	4.99		11.53	3.41 14.35	3 45 13 77	
Beef	4.48	1.69	1.40	3.85	5.78		, 20.38 7.99
Pork	2 34	.98	.74	2.52	2 92		3.99
Other meats	1.58	.64	.52	1.62	1.88	1.90	2.8
Poultry	1.52	.82	.58	1.59	1.81		
Fish and seafood	1.04	.49	.44	1.18	1.18	1.20	
Eggs	.66	.38	.25	.77	.78	72	
Dairy products, total.	4 54	2.05	1.78	4.40	5.38	5 26	8.42
Fresh milk and cream	2.38	1.06	78	2.41	2.89	2.73	4.5
Other dairy products.	2.16	.99	1.00	1.98	2.49	2 53	3.9
Fruits and vegetables, total	5.34	3.15	2.43	5.88	6.14	6.01	8.81
Fresh truits	1.59	1.05	.72	1.90	1.80		2.66
Fresh vegetables Processed fruits	1.57	.92	.76	1.63	1.81	1.78	2.56
Processed rous	1.22	.72	.55	1,42	1 39	1.37	2.0
Other food at home, total	.96 8.32 :	.46 3.94	.40 ′ 3.52 <sup>†</sup>	.93	1.15 9.78	1 14	1.57
Sugar and other sweets	1,24	.69 '	.46	8.00 <u> </u> 1.29 <sub> </sub>	1.53	9.99 1.47	13.92 1.88
Fats and oils	96	.48	.34	1.05	1.13	1.47	1.61
Miscellaneous prepared foods	3.08	1,29	1.30	2.72	3.56	3.84	
Nonaicoholic beverages	3.05	1.48	1 42	2.93	3.56	3.55	5.22
Food away from home	16 35	6.07	14.56	7.82	14.99	20 66	27.98
Alcoholic beverages.	5.20	1.70	6.09	2.72	4.20	6.32	8.22
Tobacco products and smoking supplies	2 80	1.28	2.27	1.98	3.03	3.28	4.10
Personal care products and services	3.95	1.85	2.67	3.16	4.06	4.69	6.81
Nonprescription drugs and supplies	1.62	93	88 .	1 8ວ ∃	1.84	1 92	2 08
Housekeeping supplies	4.16	1 77	1.69	3.73	5.00 '	5 08	7.08
Energy, total	32.22	13.59 1	18.48	25.66	34.60	40 27	53.64
Electricity and natural gas	12 01	7 21 ,	6.26	11.96	14 08	13.81	-
Fuel oil and other fuels	3,06 <sup>1</sup> 17 15	2.33 <sub>1</sub> 4.05	1 40	4.06 9.64	3.18 17.33	3 71 · 22.75 :	3.78 31.98
SOURCE OF INCOME BEFORE TAXES	i, 13 ,	4.00	.0.03	3.04	17.33	EE.73	31.80
Income before taxes, total	£15.010	60.750	£10.607	<b>67</b> 000	\$1E.000	£04.030	<b>6</b> 04.004
Wages and salaries	\$15,219 . 12,186	\$3,752 0	\$10,607 8,994	\$7,228 <u>+</u> 2	\$15,003 :	\$21,279	\$24.864
Net business and farm income	657	19	505	2 ; 8	11,480 ¦ 985 ¦	19,028 779	22,407 1,106
Social security and other pension income	1,321	2,617	324	5,156	1,435	539	507
Interest, dividends, and other asset income	452	546 :	351 :	880 ,	442	391	
		J7U .	001	000 1	776	3317	304

### **Unions and Industrial Relations**

### **Work Stoppages**

(Covers tables 127-133)

The work stoppage series covers all strikes and lockouts known by the Bureau and its cooperating agencies to continue for 1 full day or shift or longer, and to involve 1,000 workers or more (six workers or more prior to 1982). For purposes of the studies, a strike is defined as a temporary stoppage of work by a group of employees to express a grievance or enforce a demand. A lockout is defined as a temporary withholding of work by an employer (or group of employers) to enforce terms of employment upon a group of employees. Since 1922, no attempt has been made to distinguish between strikes and lockouts; both types

are included in the term "work stoppage."

All stoppages, whether or not authorized by the union, legal or illegal, are counted. The series excludes, however, strikes of American seamen or other workers in foreign ports, and strikes of foreign crews in American ports. Also excluded are so-called slow-downs, in which employees continue to work but at deliberately reduced production speed. In addition, instances in which workers report an hour or two late each day as a protest gesture or leave work several hours before closing time to attend rallies or mass meetings are excluded.



#### Table 127. Work stoppages involving 1,000 workers or more, 1947-82 1

[Workers and days idle in thousands]

	Stoppages beg	inning in year	Days idle	during year
Year	Number	Workers involved	Number (thousands)	Percent of estimated total working time 2
1947	070	1 600	25 720	1
1948	270 245	1,629 1,435		0 22
	262	2,537	-	. 38
1000	424	1,698	•	.36
1950	424	1,080	30,330	i .20
1951	415	1,462	15.070	12
1952	470	2,746	48.820	.38
1953.	437	1,623	18,130	i .14
1954	265	1,075	16,630	.13
1955	363	2.055	21,180	.16
1956	287	1,370	26.840	.20
1956	275	887	10.340	.07
1958	332	1,587	17,900	1 .13
1050	245	1,381	60,850	
1959	222		13,260	.43
1960	222	896	13,260	.08
1961	195	1,031	10,140	.07
1962	211	793		08
1963	181	512	•	.07
1964	246	1,183	16,220	.11
1965	268	999		.10
		, co		
1966	321 <sup>1</sup>	1,300	16,0⁄00	.10
1967	381 +	2,192	31,320	.18
1968	392	1,855	35,567	.20
1969	412	1,576	29,397	.16
1970	381 -	2,468	52,761	.29
1971	298	2.516 <sup>†</sup>	35.538	i .19
	250	2,516 <sup>1</sup>		· · · · -
.070	317	1,400		
1974	424	1,796		
4070	235	965 ·		.09
19/5	235 :	903 :	17,303	.03
1976	231	1,519	23,962	.12
1977	298	1,212 j	21,258	.10
1978 .	219	1,006		.11
1979.	235	1,021	20,409	.09
1980	187	795	20,844	
1004	'	i		<u> </u>
1981	145 ‡	729 <sub>i</sub>	16,908 9,061	.07 ' 04
1982	98	656		

<sup>&</sup>lt;sup>1</sup> The number of stoppages and workers relate to stoppages that began in the year. Days of idleness include all stoppages in effect. Workers are counted more than once if they were involved in more than 1 stoppage during the year.

ployed and total working time; private household, forestry, and fishery employees are excluded. An explanation of the measurement of idleness as a percentage of the total time worked is found in "Total Economy Measure of Strike Idleness," *Monthly Labor Review*, October 1968



Agricultural and government employees are included in the total em-

Table 128. Work stoppages involving six workers or more, 1930-811

[Workers and days idle in thousands]

· .		Stoppages begi	nning in year		Days idle during year				
ŗ.	1	A	Workers	involved					
Year	Number :	Average duration (calendar days) <sup>2</sup>	Number	Percent of total employed1	Number (thousands)	Percent of estimated total working time !	Per works involved		
930	637	22 3	183	0.8	3,320	('.)	1		
931	810	18.8	342	1 6	6.890	('')	2		
32	841	19.6 j	324	18	10,500	(*)	3		
33	1,695	16.9	1,170	63	16,900	( <sup>K</sup> )	1		
34	1,856	19.5	1,470	7 2	19,600	( <sup>k</sup> )	•		
35	2,014	<b>23</b> .8	1,120	5 2	15.500	( <sup>6</sup> )			
)6 , , , , , , , , ,	2,172	23.3	789	3 1	13.900	(*·)			
37	4,740 ;	20.3	1,860	7.2	28.400	(")			
38	2,772	<b>23.6</b> j	<b>688</b> :		9,150	(*·)			
	2,613	23.4	1,170	3 5	17,800	0 2 1			
40	2,508	20.9	577 <sup>:</sup>	1 7	6,700	08			
<b>11</b>	4,288	18.3 ±	2,360	6.1	23,000	23			
12	2,968	11.7	840	2 0	4,180	04			
<b>/3</b>	3,752	5.0	1,980 ¦	4.6	13,500	.10			
4	4,956	<b>5.6</b>	2,120	4.8	8,720	07			
<b>15</b>	4,750	9.9	3,470	8 2	38,000	31			
16	4,985	24.2	4,600	10.5	116,000	1 04			
17	3,693	25.6	2,170	4.7	34,600	.30			
	3,419	21 8 📜	1,960	4.2	34,100	28			
	3,606	22.5	3,030	6.7	50,500	44			
50	4,843	19.2	2,410	5 1	38,800	33			
51	4.737	17.4	2,220	4 5	22,900	18 ,			
52	5,117	19.6	3,540 ,		59,100	48 .			
53	5,091	20.3 +	2,400	4.7	28,300	22			
54	3,468	22.5	1,530	3.1	22,600	. 18			
55	4,320	18 5	2,650	5 2	28,200	22 .			
56	3,825	18.9	1,900	3.6	33,100	24			
57 ,	3,673	19 2	1,390	26	16,500	12			
58	3,694 <sup>†</sup> 3,708 <sup>‡</sup>	19.7 24.6	2,060 1,880 :	3.9 3.3	23,900 69,000	18 50			
,	:								
<u> </u>	3,333	23.4	1,320	24	19,100	14			
51	3,367	23 7	1,450		16,300	11 13			
32	3,614	24 6	1,230	2 2	18,600				
53	3,362 3,655	23.0 22.9	941 1,640	1 1 2 7	16,100 22,900	11 15			
				25	23,300	15			
65	3,963	25.0 ·	1,550	30	25,400	15			
66	4,405 . 4,595	22.2 22.8	1,960 2,870	43	42,100	25			
67		22.5 24.5	2,649	38	49.018	28 28			
39,	5,045 5,700	22.5	2,649	35	42,869	24			
70	5,716	25 0	3,305	47	66,414	37			
71	5,138	27 0	3.280	45	47,589	26			
72	5,010	24 0	1,714	23	27,066	15			
73	5.353	24.0	2,251	29	27.948	14			
74	6,074	27.1	2,778	3 5	47,991	24			
75	5,031	26 8	1,746	2 2	31 237	16			
76	5,648	28 0	2,420	30	37,859	19			
77	5,506	29 3	2,040	24	35,822	17			
78	4,230	33.2	1,623	1 9	36.922	17			
79	4,827	32.1	1,727	1 9	34,754	15			
80	3,885	35 4	1,366	1 5	33.289	14			
81 .	2 568	(4)	1,081	1 2	24,730	11			

<sup>\*</sup> The number of stoppages and workers relate to those stoppages beginning in the year, average duration, relates to stoppages ending in the year Days of idleness, includes all stoppages in effect



In these tables, workers are counted more than once if they were involved in more than 1 stoppage during the year

<sup>4</sup> Figures are simple averages, each stoppage is given equal weight regardless of its size

Agricultural and government employees are included in the total employed and total working time, private household forestry, and fishery employees are excluded. An explanation of the measurement of idleness as a percentage of the total employed labor force and of the total time worked is found in "Total Economy Measure of Strike Idleness," Monthly Labor Review, October 1968
\* No information

Table 129. Work stoppages involving six workers or more by size of stoppage, 1969-81

[Workers and days idle in thousands]

,	Sto	ppages beg	ginning in y	/ear	Days idli year		. Sto	ppages be	ginning in ye	ar	Daysidle year	
Size of stoppage (number		1	Workers	involved	stoppa				Workers	nvolved	stoppe	
of workers involved)	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percen
	···········	<b></b>		 169	L , ,	<b>.</b>		ii	1976	0	• • •	L
Ali sizes	5.700	100 0	2,481 0	•	42,869.0	100.0	5,716	-   100.0	3,305.0 <u>!</u>	100.0	66,4140	100.
6 and under 20	707	124	8.5	. 03	158.1	0.4	769	13.5	9.2	03	185 3	. 0.
6 and under 20 20 and under 100	2.005	35 2	100.5	4.0		4.0	2.138	37.4	107.9		2,083.6	3.
100 and under 250	1.335	23 4	211.1	8.5	3,273.9	7.6		23.0			-	
250 and under 500		135	264 8	107		9.1	725	12.7		7.5	3,640.4	5.
500 and under 1,000	470	8.2	320.7	12.9			387		264.9	8.0	4,434.2	8.
1,000 and under 5,000		6.2	662.7						605.7	183	10,835.9	18.
5,000 and under 10,000	35	.6	244.9	9.9	•		31	5	209.0			
10,000 and over	25	.4	668.2		17,853.4		34	.6	1,652.9	50.0	35,440.0	53.
		•	•	 171			i i	<u>.</u>	197	·· <del>-</del>		••
All sizes.	i 5,138	. 100.0	3,280	100.0	47,589	100.0	5,010	100.0	1,713.6	100.0	 . 27,066.4	100.
						!		i			I	:
6 and under 20	673	13.1		0.3	185.3	0.4	670	13 4	8.2		186.6	0.
20 and under 100	1,943	378	96 8	3.0	1,992.2	4.2	1.873		940		1,690.6	8.
100 and under 250	1.194	23.2	189 1	5.8	3,071.0	6.5	1,223		195 1		2,679.1	9.
250 and under 500	701	136	243.8	7.4	3,596.9	7.6	687		235 4	13.7		10.
500 and under 1,000	329	6.4	225.9	69	3,206.2		307		206.2		2,965.2	
1,000 and under 5,000	241	4.7	450 5	13.7	8,875.2		209		424.6	24 8 9.4	6,604.2 2,660.9	24. 9.
5,000 and under 10,000	26	.5	163.8	50	3.509.9	74		5			7,498.7	
10,000 and over	29	6	1,901 4	. 58.0	23,152.4	48.7	18		•	22.7	7,480.7	1 27.
			. 19	973		•	1		. 197 	4		•
Ail sizes	5,353	100.0	2,250.7	100.0	27,948.4	. 100.0	6,074	100 0	2,777 7	100.0	47, <b>99</b> 0.9	100.
6 and under 20	583	10.9	7,1	03	163.1	0.6	592	9.7		0.3		0.
20 and under 100	1,934	36 1	100 0	4.4	1,872.9	6 7	2,128			4.0		
100 and under 250	1.354	25 3	220 6	98	2,975.2	10.8	1,581		251 2		4,342 4	
250 and under 500	817	153	282.3	12.5	3,323 7	11.9	923	15.2			1	•
500 and under 1,000 .	348	6 5	240.8	10.7	3,354.0	120	426	7.0	292 9	10.5	5,053 7	10.
1,000 and under 5.000	271	5,1	553 8	24.8	9,300.2	33 3	355	5.8	882 6	24.8		28.
5,000 and under 10,000.	21	4	132.5	5.9	897.3	3 2	42	.7				12.
10.000 and over	25	. 5	713.5	. 317	. 6,062.0	: 217	27	.4		30.1	12,914.3	<b>∠6</b> .
			. 18	975	•	•	<u>.</u>		197	B :	:	
All sizes	5.031	100 ს	1,745.6	100.0	31.237.0	. 100.0	5,648	100 0	2,420	100.0	37,859	100.
6 and under 20	614	122	7 7	.4	178.5	0.6	661	11 7	8	03	193	0.
20 and under 100	1.882	37 4	98.0	5.8	1.9193					4 3		, 8
100 and under 250	1,236	24 6	197.3	11.3		10.1	1,425	25 2		9 5	3,740	9
250 and under 500	743	148	259 6		3,716.8	11.9	900	. 15 9	316	13 1	4,017	
500 and under 1,000	321	6 4	218.3	125	4,7015		363	6.4	244	10 1	3.643	9.
1,000 and under 5,000	198	3.9	382.3	219	7.268 1	23 3	188	3 3	357	14 7		
5.000 and under 10,000	17	3	108 3	6 2	2.813 1	90	20	4	132	5 4		. 7.
10,000 and over	20	. 4	474.0	. 272	7,482 0	. 24.0	23	. 4			14,043	37.
			. 19	)77				•	197:	8		t
All sizes	5.506	100 0	2,040 1	100.0	35,821.8	100.0	4,230	100 0	1,622 6	100.0	36,921 5	100
6 and under 20	700	127	8 4	4	203 7	6	568	13 4	7 1	0.4	201 9	0
20 and under 100	2,141	38 9	109 9	5 4	2,274 4	6.3	1.619	38 3	828	5.1	1,801.0	4.
100 and under 250	1.270	23 1	200 0	98	3.935.0	110	991	23 4	156 1		3,344 0	9.
250 and under 500	707	128	249.3	12 2	3,942 2	110	571	13.5	196 9	12 1	3,988 1	10
500 and under 1.000	390	7 1	260 6	12.8	4,208 4	11 7	262	6 2	173 5	10 7	3,8143	10
1,000 and under 5.000	252	4 6	495 4	24 3	8.681 7	24 2	192	4.5	375 7	23 2	7.483 6	20
5,000 and under 10,000	28	5	185 8	9 1	2,690 7	75	16	4	104 1	64	2.753 3 13,537 3	7 38.
10,000 and over	18	3	530 7	26 0	9,885 6	276	11	.3	526 5	32.4	145373	' સમ



Table 129. Work stoppages involving six workers or more by size of stoppage, 1969-81—Continued [Workers and days idle in thousands]

	Sto	ppages be	ginning in y	/ear	Days idle		Sto	ppages be	ginning in y	rear	Days idle	
Size of sloppage (number of workers			Workers	involved	year stoppe		_		Workers	involved	year stopp:	
involved)	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percen
1			19	79					19	80		
All sizes	4,827	, 100.0	1,727.1	100.0	34,753 7	100.0	3,885	100.0	1366.3	1000	33.288.5	100 (
6 and under 20	611	i 127	7.7	4	204.1	6	507	13.1	6.3	5	178 9	.5
20 and under 100	1,877	38.9	95.8	5. <i>э</i>	2,249 3	6.5	1.572	40.5	80.5	59	2,193 1	6 6
100 and under 250	1,180	24.4	187.0	108	4,016.7	11.6	893	23 0	1410	103	3.171 0	9.5
250 and under 500	627	130	218 4	12.6	4,680.3	13.5	451	116	157 9	116	3,441 0	10.3
500 and under 1,000	297	6.2	197.2	11.4	3,1943	9.2	275	7.1	185 4	13 6	3,460 5	10.4
1,000 and under 5,000	206	4.3	399.9	23.2	9,040.0	26.0	156	4.0	295 5	216	5,643 3	17 (
5,000 and under 10,600	18	.4	119.2	6.9	2.101.7	6.0	17	.4	113 2	8.3	2,9443	8.8
10,000 and over	11	.2	501.8	29.1	9,267.5	25 7	. 14	.4	386.6	28 3	12.256.3	36.8
			10	081			•		•			
All sizes	2,568	100.0	1.080.8	100.0	24.729 7	. 100.0	•					
All 5/205	2,500	100.0	1,000.0	100.0	. 24,729 /	100.0						
6 and under 20	327	12.7	4.0	4	116.8	.5						
20 and under 100	1,081	42.1	55.5	5.1	1,451.6	5.9						
100 and under 250	583	22.7	89.8	8.3	2,172.0	8.8						
250 and under 500	267	10.4	92.8	8.6	1,948.9	79						
500 and under 1,000	165	6.4	109.8	10.2	2,132.0	8.6						
1,000 and under 5,000	118	4.6	209.5	19.4	3,432.5	13 9						
5,000 and under 10,000	13	.5	87.5	8.1	1,212.1	4.9						
10,000 and over	14	.6	431.9	40.0	12,263.8	49.6						

NOTE. Because of rounding, sums of individual items may not equal totals.



Table 130. Duration of work stoppages invoiving six workers or more ending in 1969-81<sup>1</sup> [Workers and days idle in thousands]

Duration (calendar days)	Stopp	pages	, Workers	involved	Days	idle	Stop	ages	Workers	involved	Days.	ıdle
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percen
			19	69					19	70		
Ali periods	5,690	100.0	2,632 0	100.0	37,312.0	100.0	5,664	100.0	3,0720	100.0	51,721.0	100.
1 day	726	12.8	237.2	10.0	237.2	. 7	743	13.1	685 ช่	22.3	685 6	1.3
and less than 4 days	807	14.2	300.7	12.7	596.2	1.6	692	12.2	261.1		548 8	1.
and less than 7 days	756	13.4	324 4	13.7	1,038.3	26	739	13.0	376.3	12 2	1,265 7	2.
7 and less than 15 days	1,111	19.5	415.7	17.6	2,651.6	7.0	1,024	18.1	445.1	14.5	2,563.5	. 5.
15 and less than 30 days		16.7	383.8	16.3	5,196.4	14.1	966	17.1	3909	12.7	5,433.9	10.
30 and less than 60 days	792	13.9	372.2	15.7	10,154.3	27.2	807		417.9	13.6	10,302.5	19.
30 and less than 90 days	272	4.7	139.7	5.9	6.235.6	16.8	359	6.3	173.0	5 6	8,128 0	
O days and over	274	4.8	188.3	8.0	11,202.7	30.1	334	5.9	322.2	10.5	22,792.8	44.
			18	171					19	72		
All periods	5.152	100.0	3,287.1	100.0	€2,266.4	100.0	5,065	100.0	1,763.6	100.0	1 . <b>31</b> ,575 <b>4</b>	100
l day	673	13.1	185.3	5.6	185.3	3	789	15.6	198.5	113	198.5	
2 arú less than 4 days		13.4	768.7	23.4	1,373.6	2.2	836	16.5	271.5	154	542 3	
and less than 7 days	642	12.5	251.8	7.7	895.1	1.4	645	12.7	223.0	12.6	· 722.1	2.
and less than 15 days	88 <del>0</del>	17.2	740.8	22.5	4,099.2	6.6	892	17.6	308.3	17.5	1,852.9	5.
15 and less than 30 days	788	15.3	€14.0	18.7	7,191.8	11.6	682	13.5	290.9	16.5	3,573.9	11.
30 and less than 60 days	735	14.2	397.0	12.1	11,143.9	. 17.9	640	12.6	232.1	13 2	5,709.0	18.
30 and less than 90 days		7.1	176.6	5.4	7,582.4	12.2	268		90.4	5 1	3,479.3	11.
O days and over	375	7.3	152.8	4.6	29,795.1	47.8	313	6.2	148.7	8.4	15,497.2	49.
	1973								19	74		
All periods	5,320	100.0	2,247.6	100.0	27,187.3	100.0	6,031	100.0	2,795.0	100.0	49,881.0	100.
I day ,	833	15.7	: 275.5	: 12.3	275.5	10	818	136	2156	77	2156	
2 and less than 4 days	793		287.9	12.8		-	684			7.8	429 0	
and less than 7 days	657		395.2		1,070.4	3.9	625	1		92	914.3	10
and less than 15 days	950	17.9	491.1		•	10.9	1,093	18.1		23.5	4,431.3	8
5 and less than 30 days	851		416.8	18 5	5,2815	19.4	1,055	17.5	•	17.2	7 286 6	14
30 and less than 60 days	666	12.5	199.9	8 9	5,829.3	21.4	1,011	168	722.3	25.8	18,668.7	37.
60 and less than 90 days	261	i 4.9	91 5	4.1	3,888.1	14.3	351	5.8	120.6	4 3	5,901.2	11
30 days and over	309	5.8	89 8	4.0	7,281.6	26.8	394	6.5	122.8	4.4	12,034.2	24
			19	75					18	76		•
All periods	4,998	100.0	1,731.8	100.0	29,604.3	100.0	5,654	100.0	2,421.1	100.0	38,106 6	100.
l day	936	18.7	223.3	12.9	223.3	. 8	1,113	19.7	342.0	14.1	342 0	
2 and less than 4 days	652	13.0	2:7.0	12.5		14	672		464.4	19.2	995 3	2
and less than 7 days	521		161.2		497.1	17	564			94		1.
and less than 15 days	739	148	266 3	15.4	1,776.5	60	893			13.7	2,253 6	5.
5 and less than 30 days	730		348 4	20 1	3,892 9	13.1	842	149		12 7	3,682 6	9
30 and less than 60 days	742	14.8	279.3	16 1	6,376.3	21.5	769	13.6	3213	13.3	6,857.2	18
60 and less than 90 days	325	6.5	81 5	4.7	3,880.6	13 1	370	65		110	8,501 1	
O days and over	353	7 1	154.9	8.9	12,545.5	42.4	431	7.6	160.0	66	14,792 6	38.
		•	19	77	• •	-		•		78	•	
All periods	5,535	100.0	1,860.0	100 0	31,904 6	100.ປ	4,250	100.0	1,779.8	100 0	39.751 9	100.
1 day	730	13.2	173.1	93	: : 173.1	5	383	: 9.0	96.5	5 4	96 5	
2 and less than 4 days	617		183.9			11	366	86	105.2		219 0	
and less than 7 days .	549	99	199 7	10.7		22	446	10 5	238 5		840 7	2
and less than 15 days	975	176	307 1	16 5	1,956 6	6.1	792	186			1,811 7	4
15 and less than 30 days	1,014		354 1	190		152	858	20 2	198 2	11 1	2,892 0	7
30 and less than 60 days .	885	160	334 8	18.0	7,698 1	24 1	706	16 6			5,027 0	12.
60 and less than 90 days	350	63	123 1	6 6	5,146 8	16 1	308	7 2	4150	23 3	6.386 2	16
90 days and over	415	7.5	184 3		11,009 8	34 5	391	92	2738	15 4	22,478 8	56.



Table 130. Duration of work stoppages involving six workers or more ending in 1969-81—Continued

	Stopp	pages	Workers	involved	Days	dle	Stopp	oages	Workers	involved	Days	ıdle
Ouration (calendar days)	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percen
			19	79					19	80		
All periods	4,779	100.0	1,720.9	100.0	34,972.8	100.0	3,939	10C.0	1.398.0	100.0	33,824 5	100.
1 day	467	9.8	150.9	8.8	150 9	.4	324	€.2	32.3	5.9	82 3	
2 to 3 days	454	9.5	152.9	89	319.0	, .9	325	8.3	133.5	9.5	273.9	
4 to 6 days	482	10.1	157.0	9.1	566.5	1.6	369	9.4	152.8	10.9	. 587 4	1.
7 to 14 days	915	19.1	446.2	25.9	3,074.2	8.8	741	18.8	290.0	20.7	2.250 2	6.
15 to 29 days	875	18.3	255.8	14.9	3,646.8	10.4	820	20.8	256.0	18.3	3,677.1	10.
30 to 59 days	837	175	330.6	19.2	10,413.1	29.8	681	17.3	201.4	14.4	5,349.8	15.
60 to 89 days	363	7.6	134.6	7.8	6,164.7	17.6	287	7.3	86.0	6.2	4,644.4	13.
90 days and over	385	8.1	92.7	5.4	10,637.5	30.4	392	10.0	196.3	14.0	. 16,959.4	50.
		L	19	81	4			· · · · ·	•		•	•
All periods	2,781	100.0	1,129.5	100.0	28,567,9	100.4						
1 day	195	7.0	124.3	11.0	i 1 124.3	.4						
2 to 3 days	252	9.1	70.3	6.2	146.3	.5						
4 to 6 days	258	9.3	90.7	8.0	277.2	1 C						
7 to 14 days	525	18.9	148.8	13.2	883.3	3.1						
15 to 20 days	490	17.7	150.7	13.3	2,007.5	7.0						
30 to 59 days	506	18.3	200.5	17.8	6,045.3	21.2						
60 to 89 days	208	7.5	216.0	19,1	10,415.4	36.5						
90 days and over	342	12.3	128.3	11.4	8,668.5	30.3						

The totals in this table relate to stoppages ending during the year, including any idleness in these strikes in the prior year.

NOTE: Because of rounding, sums of individual items may not equal totals.



# Table 131. Work stoppages involving six workers or more by major issues, 1969-81

[Workers and days idle in thousands]

		phages a	inning in 196	· · · · · · · · · · · · · · · · · · ·	Days idle d	
Major issue		n l	Workers	involved 1	(all stop	pages)
	Number	Percent	Number	Percent	Number	Percen
All issues	5,700	100.0	2,481.0	100.0	42,369.0	100
	1	49.6	1,264.2	50.9	27,473.2	64
neral wage changes		1 2 1 2	312.9	12.6	5,476.1	12
General wage increase plus supplementary benefits	1,44/		733.9	29.6	16,871.6	3
General wage increase, hour decrease	44	.8	13.0	.5 (²)	138.9 .1	
General wage decrease	.} 1	(¹) .2	(²) 9.3	.4	438.8	
Cost-of-living increase  General wage and cost-of-living increase		.2	6.5	.3	202.6	
Wages and working conditions.	1	6.2	188.5	7.6	4,345.0	11
pplementary benefits	i	1.2	15.8	.6	320.3	
Pensions irisurance other welfare programs	.j 33	.6	9.4	.4 (¹)	227.5 27.7	
Severance or dismissal pay; other pay lents on layoff or separation	6	.1 .2	.7 1.2	(1)	14.4	
Premium pay	22	.4	4.5	`.ź	50.6	
Other	i	1	-		1 250 1	
age adjustments	292	5.1	144.5 29.6	5.8 1.2	1,256.1 168.9	'
Incentive pay rates or administration	69	1.4	70.7	2.9	880.8	
Job classification or rates	.,	(1)	.9	(1)	3.4	
Retroactivity	6	.1	.7	(1)	2.8	
Method of computing pay	135	2.4	42.0	1.7	200.3	
ours of work	. 7	.1	1.0	(1)	15.5	
Increase	.j 1	l (')	(²)	(;)	(2) 15 A	
Decrease	. 6	į .1	1.0	(1)	15.4	
ther contractual matters	88	1.5	15.4	.6	259.2	
Duration of contract	8	.1	1.3	.1	39.1	
Unspecified	. 80	1.4	14.1	.6	220.0	]
nion organization and security	. 593	10.4	250.4	10.1	7,466.3	1
Recognition (certification)	220	4.0	29.4	1.2 (¹)	570.3 15.6	! !
Recognition and job secunty issues	4 11	.2 2.8	.6 18.6	.7	329.6	<u> </u>
Recognition and economic issues		1.8	191.7	7.7	6,449.3	1
Union security	.  18	.3	1.1	(1)	31.2	İ
Refusal to sign agreement	8	1.1	1.0	(')	9.6 51.8	1
Other union organization matters	. 67	1.2	8.1	.3	1	ļ
ob security	190	3.3	76.1	3.1	2,272.7	
Seniority and/or layoff	; 93	1.6	40.5	1.6	208.5	
Division of work	. 5 24	1 .1	10.5	1 '.4	68.5	
Subcontracting  New machinery or other technological issues	. 9	.2	3.5	.1	1,844.4	
Job transfers, bumping, etc	11	.2	4.3	.2	17.4	
Transfer of operations or prefabricated goods	. 46	(')	1.0	! (¹) : .6	14.3 55.9	
Other	40	.0		1	į	i
lant administration	882	15.5	513.0	20.7	2,848.1 495.7	
Physical facilities, surroundings, etc	\ 69	1.2	64.0	2.0	357.2	İ
Safety measures, dangerous equipment, etc		1.7		.6	66.1	
Supervision Shift work		.4	10.4	.4	31.0	ŀ
Work assignments	82	1.4	J4.5	1.4	91.8	
Speedup (workload)	. 50		71.0	2.9	515.0 432.8	
Work rules	25 22	4	5.3	.2	53.7	
Overtime work		1 -12	146.2	5.9	500.2	
Other	170	3.0	98.1	4.0	304.7	
ther working conditions	1	4.0	98.8	4.0	443.2	1
Arbitration	. 13	.2	11.7	.5	65.4	1
Grievance procedures	79		47.4	1.9	212.8 165.0	
Unspecified contract violations	134	2.4	39 6	1.6		
iterunion or intraunion matters	500		101.4	4.1	499.0	
Union rivalry 3	/		9.6	.4	48.7 10.4	
Jurisdiction—representation of Workers 4	; 20		1.8 54.5	2.2	277.5	
Jurisdiction—work assignment	! 403 8			1		
i loine administration 5						1
Union administration 5	62	1.1	33.4	1.3	156.3	İ



Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued [Workers and days idle in thousands]

Major incur		oppages beg	Days idle during 1970			
Major issue	Number	Percent	Workers	involved	(all stop	
	TTGITIDG!	r di Colli	Number	Percent	Number	Percent
All issues	5,716	100.0	3,305.2	100.0	66,413.8	100.0
eneral wage changes	2,851	49.9	1,843.0	55.8	36,159.1	54.4
General wage increase	945	16.5	635.5	19.2	8,214.2	12.4
General wage increase plus supplementary benefits	1,469 37	25.7	826.9	25.0	16.853.3	25.4
General wage decrease	37	.6 —	5.3 —	.2	135.7	.2
Cost-of-living increase	18	.3	4.0	.1	75.2	.1
General wage and cost-of-living increase	17	.3	4.6	.1	98.3	1.
i i	365	6.4	366.7	11.1	10,782.4	16.2
upplementary benefits	56	1.0	63.1	1.9	473.3	.7
Severance or dismissal pay; other payments on layoff or separation	34	.6 (¹)	59.7	1.8	422.6	.6
Premium pay	9	.2	.1 2.5	(¹)	2.8 40.2	(¹) .1
Other	11	.2	.7	(i)	7.7	(i)
age adjustments	219	3.6	239.5	7.2	1 120 2	·
Incentive pay rates or administration	55	1.0	15.6	/.2 .5	1,130.2 155.6	1.7 .2
Job classification or rates	46	.8	27.1	.8	145.7	.2
Downgrading	3	.1	1.4	(1)	7.7	(¹) 1.0
Method of computing pay	14 101	.2 1.8	157.5 37.9	4.8	694.3	
I			37.8	1.1	127.0	.2
ours of work	6	.1	1.4	(1)	25.7	(1)
Decrease	6	.1	1.4	(1)	25.7	(1)
1	- 1				!	(*)
ther contractual matters	107	1.9	379.8	11.5	18,346.7	27.8
LOCAL ISSUES SUPPLEMENTING national contract	11	.2 .1	4.2 354.9	.1 10.7	58.4 17,844.2	.1 26.9
Unspecified	93	1.6	20.6	.6	444.1	.7
nion organization and security	507	10.0				
Recognition (certification)	587   204	10.3 3.6	105.7 18.6	3.2 .6	6,107.3 322.4	9.2 .5
MECOUNTION AND IOD SECURITY ISSUES	4	.1	.3	(i)	21.0	.s (i)
riecognition and economic issues	166	2.9	26.8	.8	650.2	(¹) 1.0
Strengthening bargaining position or union shop and economic issues	114	2.0	35.0	1.1	4,887.2	7.4
Refusal to sign agreemant	33   16	.6 .3	15.3 1.9	.5	106.9 51,2	.2 1.
Other union organization matters	50	.9	7.9	.2	68.0	.;i
b security	170	3.0	51.4	1.6	375.8	
Seniority and/or layoff	83	1.5	20.7	.6	169.1	. <b>6</b> .3
Division of work	2	(¹) .3	2.8	.1	9.0	( <sup>i</sup> )
Subcontracting	19	.3	5.9	.2	45.0	.1
JOD transfers bumbing etc	12 15	.2	8.3 5.3	.3	107.8   13.5	.2
Transfer of operations or prefabricated goods	4	.1	1.9	.1	8.1	<u>{:</u> }
Other	35	.6	6.6	.2	23.3	(1)
ant administration.	92.1	16.1	400.8	12.1	1,718.7	2.6
Physical facilities, surroundings, etc	61	1.1	15.4	.5	41.5	.1
Safety measures, dangerous equipment, etc	92	1.6	52.3	1.6	146.2	.2
Supervision Shift work	49 36	.9	18.5	.6	44.4	.1
Work assignments	77	.6 1.3	8.7 37.2	1.1	47.6 110.8	.1
Speedup (workload)	41	.7	50.5	1.5	191.0	.2 .3
WORK rules	20	.3	20.4	.6	74.5	.1
Overtime work Discharge and discpline	26   289	.5 5.1	5.0	2.2	22.8	(i) e.
Other	230	4.0	123.2 69.5	3.7   2.1	810.7 429.3	.e. 6.
her working conditions.		_ 1				
Arbitration	175   15	3.1	59.3 10.6	1.8	418.3 207.2	.6 .3
Grievance procedures	31	.5	6.6	.2	29.8	(i)
Unspecified contract violations	129	2.3	42.1	1.3	181.4	`.ś
erunion or intraunion matters	566	9.9	149.4	4.5	1,577.4	2.4
Union rivairy 3	16	.3	15.6	.5	283.3	.4
Jurisdiction—representation of workers 4	27	.5	6.5	.2	172.9	.3
Jurisdiction—work assignment	421	7.3	55.0	1.7	427.1	.6 8.
Sympathy	16 66	1.5	36.0 36.3	1.1	557.5 136.6	.8 .2
Other	_	1.5	- 1	- 1.1		
ot reported	58	1.0	11.9	.4	81.2	.1



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Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued [Workers and days idle in thousands]

	Sto	oppages beg	71 	Days idle during 1971 (all stoppages)		
Major issue		İ	Workers	ınvoived	: (all stop	pages)
·	Number	Percent	Number	Percent	Number	Percent
All issues.	5,138	100.0	3,279 6	100.0	47,589.1	100.
eneral wag: changes	2.600	50.6	2.137.0	65.2	31,754.8	66.
General wag coranges		12.7	136.1	4.2	2,351.5	4.
General wage increase plus supplementary benefits	1,539	30.0	1,726.5	52.8	22,448.6 64.4	47.
General wage increase, hour decrease		.4 (¹)	3.5 .3	.1 (¹)	.7	ĺ
General wage decrease		`.ź	7.4	`.ź	109.5	ļ .
General wage and and cost-of-living increase	19	-4	5.2	.2	92.0	14
Wages and working conditions	358	7.0	257.9	7.9	6,688.2	
pplementary benefits		.6	77.3	2.4	2,800.1	5. 2.
Pensions, insurance, other welfare programs	26 3	5	20.2 51.7	.8 1.6	940.5 1.750.9	3
Premium pay	4	.1	1.2	(1)	21.8	i (
Other		.1	:.2	1.1	87.0	İ
age adjustments	159	3.1	94.0	2.9	574.8	1.
Incentive pay rates or administration	33	6	13.7	.4	188.6	:
Job classification or rates		.6	10.6 2.1	.3	110.5 5.9	(
Downgrading		.1	4.5	.1	46.4	,
Method of computing pay		1.5	63.1	1.9	223.5	i
ours of work		1	1.6	(1)	3.8	۱ (
Increase	ž	i (1)	1.2	į (i)	2.3	!
Decrease		( ),1	.4	(1)	1.5	(
ther contractual matters	118	. 2.3	49.6	1.5	5,048.0	10
Duration of contract	17	.3	2.8	1	50.5	40
Local issues supplementing national contract	11	1.7	19.9 26.9	.6 .8	4,773.2	10
Unspecified		•		ì		Ì
Inion organization and security			176.6 12.4	5.4	3,326.8	<b>7</b> !
Recognition (certification)		3.9	1.7	1	158.4	Ì
Recognition and economic issues		1.4	15.8	.5	740.4	1
Strengthening bargaining position or union shop and economic issues	98	1.9	15.8	i .5 3.7	398.4 1.585.4	3
Union security		.5	122.5	.2	106.7	
Refusal to sign agreement		6	3.8	i .ī	15.3	(
ob security	•	4.1	104.7	3.2	1,007.2	2
Senionty and/or layoff	98		37.4	1.1	303.7	
Division of work	9	.2	.8	(1)	9.2 223.6	
Subcontracting  New machinery or other technological issues	i 19	.4	10.9	(1)	77.8	
Job transfers, bumping, etc	! 13	: .3	3.2	.1	16.4	į (
Transfer of operations or prefabricated goods	9	.2	3.6	.1   1.5	58.7 317.9	-
Other	54	11	47.8	1.5	1 _	1 _
Plant administration,		17.6	5194	15.8	2,410.7	5
Physical facilities, surroundings, etc		1.4	14.5	.4	46.4 86.7	ļ
Safety measures, dangerous equipment, etc		.8	7.7	.2	19.0	ļ (
Shift work	15	.3	3.7	1.1	50.9	
Work assignments		1.6	43.8 12.8	1.3	227.d 56.8	1
Speedup (workload)		.6	144.7	4.4	977.6	2
Overtime work		.5	7.4	.2	17.7	(
Discharge and discipline		5.0	79.9 177.5	2.4 5.4	392.6 535.2	1
Other	1	5.5		-		1
Other working conditions	155	3.0	40.8	1.2	266.8 146.1	
Arbitration	10 24		5.0	.2	24.4	1
Unspecified contract violations	1		28.7	9.9	96.2	1
nterunion or intraunion matters	i	: 8.1	72.1	2.2	350.4	İ
Union rivalry 3	' 5	1	1.7	.1	35.8	i
Jurisdiction—representation of workers 1	.; 9		.8	(1)		1
Jurisdiction—work assignment		6.2	28.2	.9 .2	124.9	
Union administration <sup>a</sup>	1 70		38.1	1.1	113.4	
Other	' -		2	(1)	11.4	1
Not reported	.: 51	: 10	4.3	.1	45.6	1



Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued [Workers and days idle in thousands]

	j St	oppages beg	, Days idle during 1972			
Major issue	Alumbar	Percent		involved	, (ali stop	pages)
	Number		Number	Percent	Number	Percent
All issues	. 5,010	100.0	1,713.6	100.0	27,066 4	100.0
eneral wage changes	2.018	40.3	692 6	: 404	17,094.3	' 63.
General wage increase	448	8 9			1,086.0	4.
General wage increase plus supplementary benefits		23.9		18.1 .2	8,194.7	30.
General wage increase	.; 11 .: 6	.2 .1	2.9 .8		54.0 2.6	: آ <b>)</b> ز
Cost-of-living increase	.¦ 11	2	1.8	. 1	39.0	
General wage and cost-of-living increase	329	.3 6.6	4.4 271.6	3 . 15.8	184.8 7,533.2	27.
	:		;	l		
pplementary benefits Pensions, insurance, other welfare programs		1.8 1.1	; 38.8 17.1		569.2 242.7	
Severance or dismissal pay; other payments on layoff or separatic 1		'. <u>2</u>		.4	78.5	
Premium pay		.2			224.0	
Other	. 10	.3		.4	24.0	
ige adju menta	250	5.0		3.7	330.6	1.
Incentive pay rates or administration  Job classification or rates.	38	.8			89.5	
Downgrading		1.7 (¹)		1.6 (¹)	95.8 2.0	(i
Retroactivity	. 32	`. <b>é</b>	5.6	`.á	34.8	· `.
Method of computing pay	. 94	1.9	20.4	1.2	108.6	
urs of work		.1	.5	(1)	4.6	(1
Increase		(1)	.1	(1)	2.1	(1
Decrease	. 4	.1	.3	(1)	2.5	, C
ner contractual matters		1.9	26.7	1.6	1,540.8	5.
Duration of contract	34	.7 .1	4.7 3 1	.3 .2	162.0 1,202.5	4.
Unspecified		1.1		1.1	176.3	4.
·		10 2		5.7	2 260 7	8.
on organization and security	182	3.6		5.7 .6	2,280.7 293.0	1.
Recognition and lob security issues	.! 13 :	.3	1.8	.1	27.9	••
Recognition and economic issues	107	2.1	14.1	.8	986.0	3.0
Strengthening bargaining position or union shop and economic issues		2.3 5	21.9 30.3	.1.3 1.8	393.2 393.1	1.! 1.!
Refusal to sign agreement	28	6	2.7	.2	35.6	'.'
Other union organization matters	42	.8	17.0	1.0	151.8	.6
security	232	4.6	100.0	5.8	1,243.4	4.6
Seniority and/or layoff		1.5	19.7	1.1	316.9	1.3
Division of work	15	.1 : .3 ;	4.4 6.0	.3 ; .3 i	240.7   43.4	
New machinery or other technological issues	5	.1		.1	72.8	
Job transfers, bumping, etc.	. 16	.3	7.5	.4	49.6	
Transfer of operations or prefabricated goods	45	(¹) .9	.3 35.4	(¹) 2.1	15.9 412.9	1.8
Other	67	1.3	24.2	1.4	91.2	1.5
nnt administration	, '	23 4	542.9	31.7	3,450.3	12.1
Physical facilities, surroundings, etc	1,170 88	1.8	15.1	.9	28.9	12.
Safety measures, dangerous equipment, etc	120	2.4	33 7	2.0	178.4	.:
Supervision	43	.9	11.0	.6	25.6	• ;
Shift work	28 86	.6 i 1.7	5.3 24.6	.3 ] 1.4	48.2 71.4	
Speedup (workload)	47	.9	56.7	3.3	151.7	.6
Work rules	: 29 :	.6	146.4	8.5	1,518.5	5.0
Overtime work Discharge and discipline		.8 5.8	10.0   117 1	.6 6.8	50.1   359.3	 1.:
Other		7.9	122.9	7.2	1,018.1	3.8
ner working conditions	217	4.3	61.2	3.6	227.7	.6
Arbitration	12 -	2.3	7.4	.4	61 2	.2
Grievance procedures	43 162	9 3 2	13.3 40.4	.8 2.4	56.1 110.4	.2 .4
erunion or intraunion matters		7.9	87 2	5.1	279.1	1.0
Union rivalry 3		<u> </u>	!	-		
Junsdiction—representation of workers 4	24	5 :	2.2	1	447	.2
Junsdiction—work assignment Union administration <sup>5</sup>	261 17	5.2 ±	34 2 ¦ 6 6	2.0	112.5 i 18.5 i	.4 .1
Sympathy	90	1.8:	44.3	2.6	103 4	
Other	= :	1	- ;	-		
t reported	32	6	2.9	.2	45.8	.2



## Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued

[Workers and days idle in thousands]

	St	oppages beg	73	Days idle during 1973 (all stoppages)		
Major issue		!	Workers	involved	: (all stop	pagesi
	Number	Percent	Number	Percent	Number	Percent
All issues	5,353	1000	2,250 7	100.0	27,948.4	100.0
	i '	'	:	50.1	16,714.6	59.
eneral wage changes	2,576 583	48 1	1,127.3 140.1	6.2	1,865.0	6.
General wage ir crease plus supplementary benefits	1,481	27.7	446.8	19.9	9,162.5	32.
General wage increase, hour decrease	21	4	34.0 .4	1.5	136.0	(1
General wage decrease		.1	5.4	(¹) .2	52.3	`.
General wage and cost-of-living increase	53	į <u>1.0</u>	18.8	.8	338.1	1.
Wages and working conditions	414	7.7	481.9	21.4	5,155.4	18.
upplementary benefits	81	1.5	43.1	1.9	1,067.2	3.
Pensions, insurance, other welfare programs	47 Q	.9	32.6 8.3	1.4	942.4	3.
Severance or dismissal pay, other payments on layoff or separation	13	.2	.9	(i)	12.4	(
Other		.2	1.2	1.1	23.8	
age adjustments	180	3.4	83.8	3.7	400.4	1.
Incentive pay rates or administration	24	.4	10.5	.5	106.1	
Job classification or rates		1.2	42.7	1.9	171.4	] .
Petroactivity.		.2	8.5	.4	27.3	
Method of computing pay	81	1.5	22.2	1.0	95.7	
urs of work		1 .1	1.0	(¹)	13.5	(
increase	1	(')	.1	(1)	2.4	
Decrease	6	.1	.9	(1)	11.1	(
er contractual matters		1.7	51.4	23	639.1	2
Duration of contract		.3	4.7 25.7	.2 1.1	49.6	,
Local issues supplementing national contract		12	21.0	e.'	292.3	1
·		8.3	116.8	5.2	3,378.4	12
on organization and security	162	3.0	16.7	.7	290.2	1
Recognition and job security issues	4	.1		(1)	9.6	3
Recognition and economic issues		11 2.7	8.7 66.0	2.9	1,102.8	ě
Union security		.7	18.2	.8	214.7	1
Refusal to sign *ERR97*agreement		.2	3.5	.2	19.6 25.3	
Other union organization matters	1	.5	3.3	•	ļ	
security.		4.9	173 9	7.7 	2,445.4 89.3	
Seniority and/or layoff		1.1	16.7	(6)	99.2	
Subcontracting	17	.3	4.4	.2	15.5	
New machinery or other technological issues	10		14.1	.6 .2	42.4 8.3	
Job transfers, bumping, etc	7		3.5	(1)		
Other	165	3.1	134.0	6.6	2,188.2	
nt administration	1,216	22.7	535.0	23.8	2,770.5	
Physical facilities, surroundings, etc	120	2.2	35.3	1.6	711.8	
Safety measures, dangerous equipment, etc		2.9	57.0 25.1	2.5 1.1		
Shift work	· 1	.ĕ	22.1	1.0	57.0	
Work assignments		1.7	32.2	1.4	77.7 136.0	
Speedup (workload) Work rules		9	85.4 12.7	3.8	136.6	1
Overtime v ork	54	1.0	51.5	2.3	488.0	
Discharge and discipline	292	5.5	108.2	4.8	307.6 558.8	
Other	:	6.5	105.7	!	<b>[</b>	1
ner working conditions			39.2 4.6	j 1.7 i .2	167.4 73.3	
Arbitration		.2	12.3	.5		1
Unspecified contract violations	مما	1.6	22.3	1.0		1
erunion or intraunion matters	348	6.5	79.2	3.5	352.1	
Union rivalry 1	6	.1	.3	.1		
Jurisdiction—representation of workers 4	26		6.5 15.8	.3		
Jurisdiction—work assignment	19		11.1	.5	22.7	}
Sympathy	99	1.8	37.0	1.6	97.3	
Other	! -	-	i	-	_	
t reported	65	1.2	5.8	.3	37.2	1



Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued [Workers and days idle in thousands]

		oppayes bet	ginning in 19		<ul> <li>Days idle during 1974</li> <li>(all stoppages)</li> </ul>		
Major issue	: Number	Percent			, (all stop	pages)	
	Number	Percent	Number	Percent	Number	Percer	
All issues	6.074	100.0	2,777.7	100.0	47.990.9	100	
neral wage changes	3.638	59 9	1,951.7	70.3	38,924.4	81	
General wage increase	1.204	19.8	510.8	18.4	8,206.1	<u>'</u> 1'	
General wage increase plus supplementary benefits General wage increase, hour decrease	1,487	24.5		28.4		· 3	
General wage decrease	17	.3	2.2	: .1	80.6	!	
Cost-of-living increase	86	1.4	44.1	1.6		į	
General wage and cost-of-living increase Wages and working conditions	463 : 381 !	7.6		10 4 11 4	6.723.5	. 1	
· · · · · · · · · · · · · · · · · · ·			_		.,		
plementary benefits. Pensions, insurance, other welfare programs	70 33	1.2	37.6	1.4			
Severance or dismissal pay; other payments on layoff or separation	7	.5 .1	22.1 8.1		897.2 99.3	•	
Premium pay	7 '	.i	1.1		23.1	i	
Other	23	.4	6.3	2	84.7	! !	
ge adjustments	148	2.4	66.1	2.4	445.2	!	
Incentive pay rates or administration	27 i	.4	11.5		164.4		
Job classification or rates	68	1,1	41.5	1.5	227.7		
Hetroactivity	3	(1)	1.1	(¹)	5 O		
Method of computing pay	50	`. <b>.</b>	12.0	.4	48.1	1 1	
irs of work	7	.1	8.2	.3	443.8	İ	
Increase	3 '	(4)	2.1	1	114.3	l I	
Decrease	4 ;	.1	6.1	.2	329.4		
er contractual matters	97	1.6	84.7	3.1	818.6		
Duration of contract		.2	2.2	.1	46.2		
Local issues supplementing national contract Unspecified	13 : 74 .	.2 1.2	49.1 33.5	1.8 1.2	484 4 287.9	<u> </u>	
on organization and security		5.7	46.5	1.7	1,841,4		
Recognition (certification)	115 '	1.9	12.9	5	735.4		
Recognition and job security issues	5	. <u>1</u>	.2	(1)	9.5		
Recognition and economic issues	40 109	.7	5.4 46.0	.2   .6	298.7 631.6		
Union security	30 '	1.8 .5	16.9 2.7		65.8		
Refusal to sign agreement	17 !	.3	3.3	.1	44.2		
Other union organization matters	32	5	5.1		56.1		
security	248	4.1 į	99.7		1,543.0		
Division of work.	47	.8 .1	20.4   3.2	.7 .1	177.8 3.4		
Subcontracting	10 i	.2	2.7	.1	i		
New machinery or other technological issues	3	(1)	1.1	(1)	15.7		
Job transfers, bumping, etc	12	(1)	4.9	.2 (1)	19.7 ! 2.0		
Job security and economic issues	97	1.6	43.6	1.6	1,258.0		
Other	74	1.2	23.3	.8 ີ	48.5		
at administration	1,120	18.4	375.7	13.5	2,340.8		
Physical facilities, surroundings, etc	111 ;	1.8	21.6	.8	41.4		
Salety measures, dangerous equipment, etc	153 <u> </u> 50	2.5 ; .8 !	43.8 ; 23.8 ;	1.6 .9	152.4 ; 64.3 ;		
Shift work	31	.5	73	3 .	81.2		
Work assignments	115	1.9	31.5	1.1 !	379.5		
Speedup (workload)	33	.5 i	22.0	.8 ;	150.6		
Overtime work	29   28	.5	30.3 : 14 2 :	1.1	370.8 266.0		
Discharge and discipline	234	3.9	88.3 !	32	378.7		
Other	336 ¦	5.5	92.9	3.3 <sub>[</sub>	455.8		
er working conditions	91	1.5	27.0	1.0 ;	256.4		
Arbitration	9.	.1	4.1	.1	1		
Grievance procedures	14 · 68 ¦	.2 · 1 1 ·	7.6 ± 15.3 ±	.3 · .6	25.0   48.5		
runion or intraunion matters	240	40	74.2	2.7	188.1		
Union rivalry 3,	3	( <sup>1</sup> ) ;	8.2	.3 '	25 5		
Jurisdiction—representation of workers 4	7	.1	1.2	(')	5.7		
Jurisdiction—work assignment. Union administration 5	134 10	22 !	26.3 2.8	9 1	61 9 3.8 <sup>-</sup>		
		1.4	34 4	12.			
Sympathy	82	1.44	344	1 4	87.4 i		



Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued [Workers and days idle in thousands]

	St.	oppages beg	Days idle during 1975			
Major issue		D 1	Workers	involved	, (all stop	pages)
	Number	Percent	Number	Percent	Number	Percen
All issues	5.031	100.0	1,745.6 <u>.</u>	100.0	! ; 31.237.0	100
eneral wage changes.	ļ	52.1	810.4	46.4	22,221.7	71
General wage increase		18.6	287.5	16.5	6,024.0	19
General wage increase plus supplementary benefits		22.1	317.9		10,776.3 <sup> </sup> 10.4 :	34
General wage increase, hour decrease		(i)	.7	(¹) (¹)	. 10.4	
General wage decrease		.é	8.6	`.Ś	224.8	
General wage and cost-of-living increase	254	5.0	55.8	3.2	2.018.3	
Wages and working conditions	270	5.4	139.7	8.0	3,169.7	1
pplementary benefits	53	1.1	23.0	1.3	277.8	
Pensions, insurance, other welfare programs	29	.6	18.1	1.0	186.6	
Severance or dismissal pay; other payments on layoff or separation	5 4	.1	1.4 .6	.1 (¹)	18.4 16.5	
Premium pay		.3	2.9	`.ź	56.2	
	_			2.2	2642	
age adjustments		2.5 .4	38.5 13.2	2.2 .8	364.3 191.2	
ob classification or rates.		10	13.7		144.2	
Downgrading	2	(1)	.7	(¹)	2.4	
Retroactivity	2	(1)		(1)	.3 26.2	
fethod of computing pay	48	1.0	10.9	.0	20.2	
urs of work	7	,	.3	()	9.8	
ncrease	3	.1	.2	(1)	6.1	
Decrease	4	.1	•	(-)	3.7	
ner contractual matters	75	1.5	23.6	1.4	405.8	
Duration of contract		! .3 . 1	6.0 6.7	.3 .4	144.4 52.6	
ocal issues supplementing national contract		1.1	11.0	.6	208.8	
•		•				
on organization and security		5.3 2.3	92.3 5.5	5.3 .3	1,488.0 168.0	
Recognition (certification)		· 2.3	: .3	ز. (ن)	17.1	
Recognition and economic issues.		3	1.9	`.f	49.1	
Strengthening bargaining position or union shop and economic issues	78	1.6	136	.8.	599.8	
Jnion security		· .3	63.2 .5	3.6 (¹)	: 603.0 : 24.7	
Refusal to sign agreement		.6	7.2	`.4	26.5	
•		5.1	205.7	11.8	3,153.6	,
o security		.8	17.3		227.7	,
Division of work		.1	.3	(1)	.8	
Subcontracting	14		3.3		25.5	
New machinery or other technological issues	2	. (¹)   .1		(1)	3.1 4.1	
lob transfers, bumping, etc		· -				
ob security and economic issues		2.4	167.5	9.6		
Other	72	1.4	15.7	9	53.6	
nt administration	1,142	22.7	i 431.6	24.7	2,883.7	
Physical facilities, surroundings, etc	152	3 0	24.9	1.4	47.5	1
Safety measures, dangerous equipment, etc		3.3		3.2	561.9	
SupervisionShift work			7.1 22.1	1.3	120.0	
Vork assignments			29.2	1.7		į
Speedup (workload)	25 L	.5	74.6		406.4	
Vork rules	1 45	.7 .9	52.2 9.2	. 3.0 5	980.1	!
Discharge and discipline		1	67.2	3.8	237.1	
Other	: =	6.7	88.5	5.1	308.0	i
nor working conditions	137	2.7	40.0	2.3	197.9	i
ner working conditions	•	. 2.2	9.3	.5	39.1	}
Grievance procedures	41		10.8	.6	124 6	
Inspecified contract violations	86	17	19.9	1.1	34.1	1
erunion or intraunion matters	317	6.3	77.7		200.9	; !
Jnion rivalry *	; 3	1 1	6.0		8.0	:
urisdiction—representation of workers *		(1)	i .4 i 35.4	(¹) 2.0	113 1	i
Jurisdiction—work assignment			15.0	.9		İ
Sympathy	•	1.2	20.4	1.2	46.6	1
Other		' (¹)	5	(י)	2.4	•
t reported	90	.6	2.5	.1	33.5	1



Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued [Workers and days idle in thousands]

All issues	ļ.		obbades pe	jinning in 191	/6 	Days idle during 1976		
All issues. 5,646 1000 2,420 100.00   37,856.9   General wage changes. 2,287   50,66   1,211.0   50,04   22,776   General wage increase plus supplementary benefits. 1,378   24, 755, 41, 21   27, 31,01   General wage increase plus supplementary benefits. 1,378   24, 755, 41, 21   31,01   General wage changes. 9   2   17, 3   20, 31,01   General wage changes. 9   2   17, 3   20, 31,01   General wage changes. 9   2   17, 3   20, 31,01   General wage changes. 9   2   17, 3   20, 31,01   General wage changes. 9   2   17, 3   20, 31,01   General wage changes. 9   2   17, 3   20, 31,01   General wage changes. 9   2   17, 3   20, 20, 31,01   General wage changes. 9   2   17, 3   20, 20, 31,01   General wage changes. 9   2   17, 3   20, 20, 31,01   General wage changes. 9   2   17, 3   20, 20, 31,01   General wage changes. 9   20, 20, 20, 31,01   General wage changes. 9   20, 20, 31,01   General wage changes. 9   20, 20, 31,01   General wage changes. 9   20, 30, 31,01   General wage charges. 9   20, 30, 31,01   General wage changes	Major issue	Number	Percent	Workers	involved	: (all stoppages)		
General wage changes		140111061	Percent	Number	Percent	Number	Percen	
Semeral wage changes	issues	5.648	100.0	2.420.0	100.00	37.858 9	100.0	
General wage increase plus supplementary benefits	· · · · · · · · · · · · · · · · · · ·	2 957				:		
Seneral wage increases plus supplementary benefits	ral wage increase						82.6 8.1	
Sefferal wage norsess   9   2   17   07   38.7	ral wage increase plus supplementary benefits						25.7	
Schertz   Wage doctorses   4	ral wage increase, hour decrease						20.7	
Genéral wage and cost-of-intring increase   221   3.9   117.0   4.85   7,482.6   3.9   3.9   3.9   3.9   3.0   4.85   7,482.6   3.9   3.0   4.85   7,482.6   3.9   3.0   4.85   7,482.6   3.9   3.0   4.85   7,482.6   3.0	rai wage decrease	4		.8				
Weges are working locations.  425 7.5 132.2 5.46 2,936.3  Pensions, insurance, other welfare programs.  53 9 10.4 43 189.0  Pensions, insurance, other welfare programs.  54 6 6.5.5 27 138.3  Pensions, insurance, other welfare programs.  55 6 6 6.5.5 27 138.3  Pensions, insurance, other welfare programs.  56 6 6.5.5 27 138.3  Pensions, insurance, other welfare programs.  58 6 6 6.5.5 27 138.3  Pensions, insurance, other welfare programs.  59 6 1.0 2.0 1.3  Pensions and insurance, other welfare programs.  50 1.0 2.0 1.0 2.0  1.0 2.0 1.0 2.0 1.0 2.0  1.0 2.0 1.0 2.0 1.0 2.0 1.0 2.0  1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	Of-living increase				2.08	477.4	1.2	
Upplementary benefits	If all wage and cost-of-living increase						19.7	
Fernisons, insurance, other welfare Programs   36	· ·	425	7.5	132.2	5.46	2,936.3	7.7	
Fernations, insturance, officer welfare Programs   36	ntary benefits	53	.9	10.4	.43	189.0	.5	
Severance of dismissal pays, other payments on layoff or separation   2   1   2   01   3.9	ions, insurance, other welfare programs	36	.6	6.5				
12   2   3.8   16   46.4	rance of dismissal pay: other payments on layoff or separation		(1)	.2	.01	3.9	.(	
age adjustments	ium pay	- 1						
Incentive pay rates or administration		12 ¦	.2	3.8	.16	46.4		
Incentive pay rates or administration	ustments	142	2.5	51.9	2 15	582.0	1,4	
Job Classification of rates   56   1.0   23.4   97   135.0	live pay rates or administration						1.0	
Downgrading	lassification or rates.							
Membed of computing pay.   56	ngrading	1	(¹)			! !	į į	
March	activity	- 1		.3	.01	2.2	).	
Increase	od of computing pay	56	1.0	17.1 į	.71	43.9		
Increase	work	6	1	اوو	00	56.0		
Decrease	19e	1 1		. 1	7			
The contractual matters   142   2.5   192   79   338   192   338   192   338   193   193   338   193   338   193   338   193   338   193   338   193   338   193   338   193   338   193   193   338   193   338   193   338   193	9åse	5	141	,				
Duration of contract.   9   2   1.0   .04   15.7		440		40.0		ļ		
Local issues supplementing national contract   3	ion of contract							
Unspecified. 130 2.3 17.9 7.4 320.9 100 or organization and security 325 5.8 126.8 5.24 2.454.9 Recognition (certification) 96 1.7 10.6 4.4 229.7 Recognition and control issues. 24 4 1.0 0.4 35.6 Strengthening bargaining position or union shop and economic issues. 118 2.1 102.2 4.22 1,969.4 1.0 0.0 4 35.6 Strengthening bargaining position or union shop and economic issues. 118 2.1 102.2 4.22 1,969.4 1.0 0.0 4 35.6 Strengthening bargaining position or union shop and economic issues. 118 2.1 102.2 4.22 1,969.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	issues supplementing national contract			-			٠	
Identification   325   5.8   126.8   5.24   2,454.9     Recognition (certification)   96   1.7   10.6   4.4   229.7     Recognition and job security issues   2   (1)   1   (1)   6.9     Recognition and job security issues   2   (1)   1   (2)   6.9     Recognition and job security issues   2   (1)   1   (2)   6.9     Recognition and job security issues   2   (1)   1   (2)   (2)     Recognition and job security issues   2   (1)   1   (2)   (2)     Recognition and job security issues   18   2.1   10.2   4.22   1,969.4     Union security   34   6   6.0   2.5   115.1     Refusal to sign agreement   18   3   1.8   0.7   28.0     Other union organization matters   33   6   5.2   2.2   70.2     Descurity   31   5.6   401.7   16.60   7,186.9     Seniority and/or layoff   59   10   47.0   1.94   306.1     Division of work   4   1   1.5   0.6   1.9     Seniority and/or layoff   59   10   47.0   1.94   306.1     Division of work   4   1   1.5   0.6   1.9     Subcontracting   23   4   10.8   4.4   54.1     New machinery or other technological issues   2   (1)   3   0.1   5     Transfer of operations or prefabricated goods   7   7   18.6     Transfer of operations or prefabricated goods   7   7   7   7   7     Job security and economic issues   140   2.5   316.9   13.09   6,766.0     Other   84   1.5   23.7   9.8   39.9     nt administration   1.290   2.28   489.0   20.21   2,776.6     Chief measures, dangerous equipment, etc   186   2.9   33.0   1.37   68.2     Safety measures, dangerous equipment, etc   216   3.8   53.5   2.21   157.9     Shift work   32   8   9.9   41   3.4     Shift work   32   8   9.9   41   3.4     Shift work   32   8   9.9   41   3.4     Shift work   32   8   9.9   41   3.4     Shift work   32   8   9.9   41   3.4     Physical facilities, surroundings, etc   185   3.3   50.3   2.08   176.1     Chief measures, dangerous equipment, etc   286   5.1   9.6   3.9   3.0     Shift work   32   8   9.9   41   3.4     Shift work   33   6   5.2   2.2   2.2   2.2     Other   2.9   5.3   2.0   8   3.9     Other	ecified						ا	
Hecognition (artification)		•	!	17.5	./4	320.5		
Hecognition and economic issues.   2	anization and security				5.24		6.4	
Strengthening bargaining position or union shop and economic issues   118   2.1   10.2   2.2   1.966.4	gritton and job accounts income						.!	
Strengthening bargaining position or union shop and economic issues   118   2.1   102.2   4.22   1,969.4   1.6   6.0   0.2   5.1   15	Unition and accommic issues							
Dunion security   34	Othening bargaining position or union shop and economic issues						 5	
Heliusal to sign agreement   18   3   1.8   0.7   28.0	security							
Security   Security	Mai to sign agreement	_ 1						
Security   Seniority and/or layoff   18.60   7,186.9   10   47.0   19.4   306.1   15.5   06   1.9   306.1   15.5   06   1.9   306.1   15.5   06   1.9   306.1   15.5   06   1.9   306.1   15.5   06   1.9   306.1   15.5   06   1.9   306.1   15.5   06   1.9   306.1   306.	union organization matters	33						
Seniority and/or layoff   59   10   47.0   1.94   306.1	ltv	217	E @	401.7	10.00	7 188 0	18.9	
Division of work.	rity and/or lavoff	1					10.	
Subcontracting   23	on of work							
New machinery of other technological issues   2   (1)   .3   .01   .5   .05	ontracting	23						
Transfer of operations or prefabricated goods	machinery of other technological issues		(1)	.3	.01	.5	) ).	
Job security and economic issues   140   2.5   316.9   13.09   6,766.0	ransfers, bumping, etc	5	.1	1.8	.07	18.6	ا	
Other         84         1.5         23.7         .98         39.9           Int administration         1,290         22.8         489.0         20.21         2,776.6           Physical facilities, surroundings, etc.         185         2.9         33.0         1.37         68.2           Safety measures, dangerous equipment, etc.         216         3.8         53.5         2.21         157.9           Supervision         48         8         19.8         .62         41.9           Shift work         32         8         9.9         41         34.8           Work assignments         90         1.6         29.1         1.20         143.2           Speedup (workload)         27         .5         9.0         3.7         364.6           Work rules         46         .8         7.9         33         42.2           Overtime work         81         1.4         18.5         76         53.2           Discharge and discipline         288         5.1         96.8         3.9         44.0           Other         297         5.3         211.6         8.74         1,430.1           ner working conditions         185         3.3         5	south and appearing increased goods							
nt administration	ecurity and economic issues						17.	
Physical facilities, surroundings, etc.   185   2.9   33.0   1.37   68.2	1	84	1.5	23.7	.98	39.9	•	
Physical facilities, surroundings, etc.   185   2.9   33.0   1.37   68.2	inistration	1.290	228	489.0	20.21	2,776.6	7.	
Sarety measures, dangerous equipment, etc.   216   3.8   53.5   2.21   157.9	cal facilities, surroundings, etc			1 - 2 1 2 1				
Shift work   32   8   9.9   41   34.8	measures, dangerous equipment, etc	216	3.8	53.5		157.9		
Work assignments	VISION		- 1	19.8 i	.82			
Speedup (workload)	NOTK						.1	
Work rules         46         8         7.9         33         42.2           Overtime work         61         1.4         18.5         76         53.2           Discharge and discipline         288         5.1         96.8         3.99         440.6           Other         297         5.3         211.6         8.74         1,430.1           er working conditions         185         3.3         50.3         2.08         178.1           Arbitration         4         1         1.7         0.7         12.0           Grievance procedures         49         9         15.0         62         45.1           Unspecified contract violations         132         2.3         33.6         1.39         121.0           runion or intraunion matters         285         5.0         54.7         2.26         288.2           Union rivality 3         1         (')         (2')         (')         (2')           Jurisdiction—representation of workers 4         4         1         1         (')         (2')           Jurisdiction—work assignment         188         3.0         23.5         97         170.8           Union administration 5         20	assylliteria	1						
Discharge and discipline   81   1.4   18.5   76   53.2	nies							
Discharge and discipline   288   5.1   96.8   3.99   440.6	me work	- 1		1 1 2			•	
Other         297         5.3         211.6         8.74         1,430.1           er working conditions.         185         3.3         50.3         2.08         178.1           Arbitration         4         1         1.7         0.7         12.0           Grievance procedures.         49         9         15.0         62         45.1           Unspecified contract violations.         132         2.3         33.6         1.39         121.0           irrunion or intraunion matters.         285         5.0         54.7         2.26         288.2           Union rivaliry.         1         (')         (2)         (1)         (2)           Jurisdiction—representation of workers.         4         1         1         (')         26           Jurisdiction—work assignment.         188         3.0         23.5         97         170.8           Union administration.         20         4         5.8         24         26.4	arge and discipline						1.	
Per working conditions							3.	
Arbitration	1	105	00	50.0	0.00	470.1		
Grievance procedures   49   9   15.0   62   45.1   132   23   33.6   139   121.0   132   23   33.6   139   121.0   132   132   133   121.0   132   133   133   121.0   132   133   133   121.0   133	Rtion							
132   2.3   33.6   1.39   121.0	ance procedures	- 1		2 1 1	17.1		).	
runion or intraunion matters 285 50 54.7 2.26 288.2 Union rivalry 3 1 (1) (2) (1) (2) (1) (2) Union rivalry 3 1 (1) (2) (1) (2) (1) (2) (1) (2) (1) (2) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	acified contract violations						.:	
Union rivalry 3		:	i	- !	,			
Jurisdiction—representation of workers 4       1       1       (1)       2.6         Jurisdiction—work assignment       188       3.0       23.5       97       170.8         Union administration 5       20       4       5.8       24       26.4	or intraumon matters					288.2		
Jurisdiction—work assignment	CHOR—representation of workers 4			(*)		(*)	,	
Union administration 3	iction—work assignment	- 1		22 5			.0	
Sympathy 00 16 05 100	administration <sup>5</sup>						.4	
	Rithy	92	1.6	25.3	1.05	88 4		
Other			1.0			00.7	.4	



# Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued [Workers and days idle in thousands]

	SI	oppages be	inning in 19	77	Days idle during 1977		
Major issue			Workers	involved	(all stop	pages)	
	Number	Percent	Number	Percent	Number	Percent	
All issues	5,506	100.0	2,040.1	100.00	35,821.8	100.00	
General wage changes	3,135	56.9	899.5	44.1	21,694.8	60.6	
General wage increase		16.4	209.8	10.3	3,956.5	11.0	
General wage increase plus supplementary benefits	1,838	33.4	526.6	25.8	13,872.9	38.	
General wage increase, hour decrease		1 3	.9	(1)	16.2	(1	
General wage decrease		(1)	8.3		239.1	`	
General wage and cost-of-living increase		2.5	53.7	2.8	1,798.7	5.	
Wages and working conditions		3.9	100.2	4.9	1,809.9	5.	
upplementary benefits	78	1.4	22.8	1.1	453.5	1.	
Pensions, insurance, and other welfare programs	40	.7	10.0	.5	279.4		
Severance or dismissal pay, and other payments on layoff or separation		_	-	_	420	(	
Premium pay		.3	2.2 10.6	.1 .5	42.0 132.1		
Other		1	•				
Vage adjustments		2.8	65.3	3.2	1,825.3	4.	
incentive pay rates or administration		.5 1.1	29.2 12.8	1.4 .8	1,501.3 66.5	•	
Job classification or rates		1.1	.3	Ü	15.4		
Downgrading		.i	.1	(1)	.8	{	
Method of computing pay		.9	22.8	1.1	41.3		
ours of work	15	.3	2.8	.1	84.8		
increase	· 1 _	.1	2.1	i ii	19.5		
Decrease		.2	.7	(1)	65.4		
ther contractual matters	278	5.0	71.4	3.5	1,350.7	3.	
Duration of contract		.3	1.6	.1	71.4	,	
Local issue supplementing national contract	16	.3	29.8	1.5	116.7		
Unspecified	245	4.4	39.9	2.0	1,182.6	3.	
nion organization and security	252	4.8	41.2	2.0	955.0	2.	
Recognition (certification)	69	1.3	4.9	.2	121.4		
Recognition and job or union security issues	18	.3	1.5	.1	40.1		
Recognition and economic issues	6 49	.1	10.2	(¹) .5	3.5 449.2	1.	
Strengthening bargaining position and economic issues		.7	8.9	.4	175.8		
Refusal to sign agreement		.9	12.7	.6	156.9		
Other	1 00	.4	2.9	.1	8.1	(	
ob security	211	3.8	99.8	4.9	1,708.9	4.	
Seniority and/or layoff		1.0	34.3	1.7	405.8	1.	
Division of work		.1	1.1	.1	4.9 19.5	(	
Subcontracting	18	.3	2.9 16.0	1.1 8	311.4		
New machinery or other technological issues		1 3	9.0.0	(i)	16.3	<b>\$</b>	
Transfer of operations or prefabricated goods	1	(1)	(*)	(1)	.1		
Job security and economic issues	68	1.2	33.8	1.7	909.3	2	
Other	52	.9	10.8	.5	41.5		
lant administration	1,002	18.2	696.8	34.2	7,249.2	20	
Physical facilities, surroundings, etc	123	2.2	30.7	1.5	245.4 123.3		
Safety measures, dangerous equipment, etc		2.5 1.1	48.3 25.0	2.4	107.6		
Supervision		.6	8.3	.4	33.6		
Work assignments		2.0	31.9	1.6	160.1		
Speedup (workload)	31	.6	14.5	7	380.6	1	
Work rules	50	.9	105.4	5.2	837.7	2	
Overtime work		1.0	17.7 253.3	12.4	156.5 3,374.4	9	
Discharge and discipline	400	3.6	161.9	7.9	1,829.9	5	
			62.7	3.1	338.8	}	
Other working conditions Arbitration	137 22	2.5	18.3	.9	151.3		
Grievance procedures		.6	17.2	.8	97.5		
Unspecified contract violations		1.5	27.2	1.3	90.0		
nterunion or intraunion matters	į.	4.5	77.1	3.8	335.4		
Union rivalry 3		(i)	.2	(1)	1.1	(	
Jurisdiction-representation of workers 4	3	1.1	.1	(1)	.5	(	
Jurisdiction-work assignment.	136	2.5	20.7	1.0	63.7	;	
Union administration §		1.7	7.8 48.6	2.4	259.1	(	
Sympathy		1.7	75.0		_		
		_	-		05 4		
lot reported	13	.2	.5	(1)	25.4	1	

See footnotes at end of table.



Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued [Workers and days idle in thousands]

	Sto	oppages beg	ginning in 19	78	, Days idle during 1978		
Major issue	Alumbar	Descent	Workers	involved	(all stoppages)		
	Number	Percent	Number	Percent	Number	Percent	
All issues	4,230	100.0	1,622.6	100.0	36,921.5	100.	
eneral wage changes.	1		836.3	51.5	19,341.4	52.	
General wage increase	901	21.3	205.9	12.7		9.	
General wage increase plus supplementary benefits	1,436	33.9	477.8	29.4	11,653.0	31.	
General wage decrease	3	1	.4	(1)	16.8	(1	
Cost-of-living increase	43	1.0	10.1	.6	314.0	.!	
General wage and cost-of-living increase	165	3.9 4.8	49.4 92.7	3.0 5.7		4.: 6.:	
pplementary benefits		1.5	18.9	1.2	271.8		
Pensions, insurance, and other welfare programs	32	.3	5.5	.3			
Severance or dismissal pay, and other payments on layoff or separation Premium pay	_ 6	.1	5.2	-		-	
Other	24	.6	8.2	.3 .5	41.1 162.5	•	
age adjustments	128	3.0	59.4	3.7	581.2	1.0	
incentive pay rates or administration	27 !	.6	6.8	.4	93.2		
lob classification or rates	64	1.5	38.9	2.4	404.9	1.	
Hetroactivity	. 5 i	(¹) .1	.4	(1)	27.8 3.2	Ċ	
Method of computing pay	30	.7	12.7	`.é	52.3	`.	
urs of work	16	.4	4.5	.3	261.0		
increase	10	.1	2.0	.1	62.8		
	i i	.2	2.4	.1	198.3	.:	
her contractual matters Duration of contract	199	4.7 .4	40.1 6.7	2.5	721.1	2.0	
Local issues supplementing national contract	16	.4	10.7	.4 .7	174.2   105.0		
Unspecified	164	3.9	22.7	1.4	441.9	1.2	
ion organization and security	272	6.4	38.6	2.4	762.4	2.	
Recognition (certification)	86	2.0	6.1	.4	138.9		
Recognition and job or union security issues	7   7	.2 .2	4.5	.3 (¹)	132.6 7.6	ن	
Strengthening bargaining position and economic issues	i 57 ↓	1.3	7.3	.4	146.5	`.4	
Union security	39 42	.9 1.0	3.8 8.5	.2 .5	132.1   174.8		
Other	34	.8	7.9	.5	29.9		
b security	127	3.0	388.2	23.9	4,027.3	10.8	
Seniority and/or layoff	46	1.1	28.3	1.7	929.1	2.	
Division of work	16	(¹) 4	.1 8.9	(')	1.0 <b>6</b> 9.1	(¹ 	
New machinery or other technological issues	2	(i)	321.3	19.8	2,431.2	6.0	
Job transfers, bumping, etc	9	.2	1.5	.1	28.1	-	
Job security and economic issues	34	.8	22.9	1.4	549.4	1.9	
Other	18	.4	5.2	.3	19.4		
int administration	506	12.0	1722	10.6	10,612.4	28.7	
Thysical facilities, surroundings, etc	41	1.0	11.7	.7	40.7		
Safety measures, dangerous equipment, etc Supervision	45   24	1.1	16.8   12.5	1.0 ; .8 i	38.6 48.3	•	
onit work	21	.5	7.1	.4	92.6		
Nork assignments	51	1.2	30.4	1.9	74.3	.2	
Speedup (workload)	19   38	.4 .9	4.8 ! 9.0 !	.3 ¦ .6 ;	42.1 111.3		
Overtime work	53	1.3	12.4	.8	245.4		
Discharge and discipline	122 92	2.9 ¦ 2.2 ∤	48.7   18.8	3.0 i	9,778.7 140.4	26.5	
		!	;	,	i	٠.	
her working conditions	56 . 13 .	1.3 i	30.7   6.4	1.9	181.8 <sup>1</sup> 41.3 <sup>1</sup>	.5 .1	
Grievance procedures	5	.1	.4 !	(i)	4.9	(ن)	
Jnspecified contract violations		.9	23.9	1.5	135 6	.4	
Prunion or intraunion matters	100	2.4	32.6	2.0	152 3 :	0.4	
Inion rivalry 3urisdiction representation of workers 4	3 :	.1 :	.5 . 1.2 .	(¹) · .1 !	3.3 <sub> </sub> 41.5 :	(¹) .1	
urisdiction work assignment	63	1.5	15.6	1.0	48.6	.1	
Jnion agministration °	1 .	(1)	.2	(1)	.7	(1)	
Sympathy	29 · 1 ·	7   (¹)	15.1 ( <sup>2</sup> )	.9 · (¹)	58.1 1 ·	.2. (¹)	



Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued [Workers and days idle in thousands]

· · · · · · · · · · · · · · · · · · ·	St	oppages beg	inning in 197	'9 	Days idle during 197	
Major issue	Number	Percent	Workers	involved	i (all stop	opages)
	Number	rercent	Number	Percent	Number	Percer
All stoppages	4,827	100.0	1,727.1	100.0	34,753.7	100
neral wage changes	3,190	66.1	1,114.2	64.5	25,640.0	7:
General wage increase	1,025	21.2	203.8	11.8	3,533.4	10
General wage increase plus supplementary benefits	1,611	33.4	437.9	25.4	14,455.7	4
General wage increase, hour decrease	3	.1	2.0	.1	5.6	
General wage decrease		.=			770.5	ļ
Cost-of-living increase	72	1.5	35.4	2.0 19.5	778.5 4.626.5	1
General wage and cost-of-living increase	246 233	5.1 4.8	336.2 98.9	5.7	2,240.4	ļ '
Wages and working conditions					· ·	
plementary benefits	62	1.3	46.1	2.7	659.7	
Pensions, insurance, and other welfare programs	30	.6	7.9	.5	143.4	
Severance or dismissal pay, and other payments on layoff or separation	2 9	(')	.1 .8	(¹) (¹)	.5 8.7	
Premium pay	21	.2 .4	37.2	2.2	507.1	1
Other						
ge adjustments	103	2.1	34.6	2.0	1,334.7	1
Incentive pay rates or administration		.4	3.4	2	39.7	[
Job classification or rates		1.1	12.2	.7	968.9 14.2	
Downgrading			9.0	.5	233.4	
Method of computing pay	_ =	.5	10.0	.6	78.6	
	_	1	1			
irs of work	7	-1	2.3	.1	26.1	
Increase	3	.1	.6 1.7	(1)	3.1 23.0	
Decrease	3		1.7	•	23.0	l
er contractual matters	279	5.8	56.0	3.2	786.8	
Duration of contract	15	.3	2.7	.2	154.4	
Local issues supplementing national contract	11	.2	14.6	.8	79.3	1
Unspecified	253	5.2	38.6	2.2	553.1	
on organization and security	250	5.2	48.1	2.8	1,118.8	ŀ
Recognition (certification)	80	1.7	19.4	1.1	342.9	1
Recognition and job or union security issues	25	.5	2.3	.1	58.8	
Recognition and economic issues	.3	1.1	3.3	.2	27.1 321.1	ł
Strengthening bargaining position and economic issues	47 35	1.0	7.7 4.5	.4 .3	149.1	
Union security		.8	5.6	.3	189.5	1
Other		.4	5.3	.3	30.3	
security	168	3.5	109.1	6.3	2,460.9	1
Seniority and/or layoff		.8	10.1	.6	191.6	İ
Division of work		.1	1.2	.1	5.6	1
Subcontracting		.4	7.3	.4	54.8	1
New machinery or other technological issues		.1	3.4	.2	29.3	
Job transfers, bumping, etc	8	.2	2.6	.2	38.8	1
Transfer of operations or prefabricated goods	62	1.3	74.5	4.3	2,010.7	1
Job security and economic issues	1	1.5	10.0	.6	130.1	ļ
				45.4	0.400.4	
nt administration		12.8	265.8	15.4 .7	2,490.1 38.4	
Physical facilities, surroundings, etc		1.6	13.0 13.7	.8	40.3	
Safety measures, dangerous equipment, etc		.5	7.1	.4	18.6	
Shift work		.5	10.5	.6	51.1	
Work assignments		.8	12.0	.7	22.6	
Speedup (workload)	17	.4	2.3	.1	4.9	
Work rules		1.1	14.9	.9	329.6	i
Overtime work	28	.6	5.8 84.8	.3 4.9	59.5 303.4	
Discharge and discipline		3.8 2.7	101.9	5.9	1,621.6	
Other			1			1
ner working conditions		1.2	16.3	.9	120.0	l
Arbitration		.1	.9 1.8	(1)	5.0 3.8	ļ
Grievance procedures	1	.9	13.7	.1 .8	111.2	
·		1.6	32.9	1.9	97.0	!
erunion or intraunion matters	1 -	(')	32.9	(1)	.6	1
Jurisdiction-representation of workers 4		1	1.7	'.1	11.5	
		.5	6.1	.4	19.3	1
Jurisdiction-work assignment	5	.1	3.4	.2	14.4	I
	5 40	.1 .8 .1	3.4 19.5 2.1	1.1 1.1	14.4 44.6 6 1	-



Table 131. Work stoppages involving six workers or more by major issues, 1969-81—Continued [Workers and days idle in thousands]

	St	oppages bec	inning in 191	BU	Days idle during 1980 (all stoppages)		
Major issue	Number	Percent	Workers	involved	(all stop	pages)	
	IAGIUDEL	PARCONI	Number	Percent	Number	Percent	
toppages	3,885	100.0	1,366.3	100.0	33,288 5	100.	
age changes	2,601	66.9	852.6	62.4	22,020.2	66.	
al wage increase	875	22.5	225.1	16.5	3.520.9	10.	
ti wage increase plus supplementary benefits	1,332	34.3	468.4	34.3	13,527.2	40	
al wage increase, hours decrease	] :	(1)	(²)	(1)	.1	(	
al wage decrease	1	(1)	1	(1)	.8	į	
f-living increase	62	1.6	14.8	1.1	705.6	2	
al wage and cost-of-living increases and working conditions	145 185	3.7 4.8	67.1 77.1	4.9 5.6	2,988.1 1,277.8	9	
itary benefits	ł	2.0	15.4	1.1	294.4		
ons, insurance, and other welfare programs	44	1.1	6.6	.5	181.7	(	
ance or dismissal pay, and other payments on layoff or separation	2	.1	.4	(i)	15.3	(	
ım pay	11	.3	2.8	`.ź	36.6	,	
	22	.6	5.5	.4	78.7		
stments	52	1.3	42.9	3.1	2,361.1	7.	
ive pay rates or administration	16	.4	36.6	2.7	2,315.4	7	
assification or rates	28	.7	4.9	.4	40.4		
grading	1	(1)	( <sup>2</sup> )	(¹)	(2)	(	
ictivity	1	(1)	(²)	(1)	1		
d of computing pay	8	.2	1.3	.1	5.2	(	
ork	9	.2	.9	.1	14.0	(	
se	9	.2	.9	.1	14.0	{	
150	_	-	_	_	-		
ractual matters	204	5.3	35.1	<b>2</b> .6	875.7	2	
on of contract		.3	1.8	.1	99.4		
ssues supplementing national contract	8	.2	11.3	.8	157.9		
cified	166	4.8	22.2	1.8	618.5	1	
nization and security	205	5.3	34.9	2.6	672.8	2	
nition (certification)	67	1.7	7.8	.8	145.5		
nition and job or union security issues	4	.1	.2	(1)	38.7		
nition and economic issues	10	.3	1.1	.1	30.3		
thening bargaining position and economic issues	47	1.2	9.5	.7	200.5		
Security	23	.6	6.7	.5	92.5		
al to sign agreement	38 16	1.0	3.8 5.8	.3 .4	127.8 37.5		
y	202	5.2	201.5	14.7	3,497.8	10	
fty and/or layoffn of work	56 5	1.4	47.7	3.5 .2	446.0 11.9	1	
ntracting	11	.1	2.2 40.3	3.0	391.1	1	
nachinery or other technological issues	3	.1	2.3	.2	28.9	•	
ansfers, bumping, etc	5	.1	.6	(1)	19.6		
er of operations or prefabricated goods	1 1	(1)	( <del>2</del> )	.1	1.4	(	
curity and economic issues	91	2.3	100.1	7.3	2,499.8	7	
	30	.8	7.5	.6	98.6		
nistration	383	9.9	141.8	10.4	3,327.1	10	
al facilities, surroundings, etc	20	.5	3.6	.3	15.4	1	
measures, dangerous equipment, etc	: 29	.7	10.1	.7	20.3	*	
rision	22	.6	3.0	.2	8.2	(	
/ork	22	.6 .9 .3	5.2	.4	35.7		
assignmentsup (workload)	34 10	9.9	7.4 2.9	.5 .2 .5	26.3 7.1		
ules		.3	7.3		97.8	(	
ne work	22	.6	3.7	.3	50.3		
rge and discipline	107	2.8	50.8	37	288.2		
	65	2.2	47.9	3.5	2,777.8	8	
ing conditions	55	1.4	14.4	1.1	99.2	O	
tion	9	.2	3.3	.2	37.0		
nce procedures	6	.2	1.9	.1	16.0	(	
cified contract violations	40	1.0	9.2	.7	46.2		
or intraunion matters	85	1.7	23.9	1.7	79.0		
rivalry <sup>3</sup>	_		_	_	. 5.3	,	
ction-representation of workers 1	2	.1	.1	(1)	.2	(	
ction-work assignment	10	3	1.8	1	8.4	{	
administration 5	4	1	.6			(	
iny	49	1.3	21.5	1.6	/1.8		
	_		— i	_	_	•	
od	30	l .8 i	3.0	.2	47 6		
administration <sup>6</sup> thy	4 49 —	1 1.3 —	1 2 1	.1 (¹) 1.6 —	.8 71.8 —		



Table 131. Work stoppages involving six workers or more by major issues, 1969-81-Continued

[Workers and days idle in thousands]

	Stoppages beginning in 1981 <sup>6</sup>				Days idle during	
Major issue			Workers involved		1981 6 (all stoppages)	
	Number	Percent	Number	Percent	Number	Percent
All stoppages	2,568	100.0	1,080.8	100.0	24,729.7	100.0
General wage changes Supplementary benefits Wage adjustments Hours of work Other contractual matters Union organization and security Job security Plant administration Other working conditions Interunion or intraunion matters Not reported	1,710 54 33 7 121 170 130 278 29	66.6 2.1 1.3 .3 4.7 6.6 5.1 10.8 1.1	753.8 31.4 6.3 .8 21.5 31.7 114.4 101.2 11.3 8.2	69.7 2.9 .6 .1 2.0 2.9 10.6 9.4 1.1 .8 (1)	20,973.8 496.4 156.2 5.1 292.0 389.3 1,713.5 588.7 72.3 39.9 2.3	84 8 2.0 .6 (¹) 1.2 1.6 6.9 2.4 .3 .2 (¹)

<sup>1</sup> Less than 0.05 percent.

NOTE: Because of rounding, sums of individual items may not equal totals.



<sup>\*</sup> Fewer than 100 workers.

<sup>&</sup>lt;sup>3</sup> Includes disputes between unions of different affiliation, such as those between AFL-CIO affiliates and independent organizations.

<sup>&</sup>lt;sup>4</sup> Includes disputes between unions, usually of the same affiliation or 2 locals of the same union, over representation of workers.

<sup>&</sup>lt;sup>5</sup> Includes disputes within a union over the administration of union affairs or regulations.

More extensive data are not available.

Table 132. Work stoppages involving six workers or more by industry group, 1969–81 [Workers and days idle in thousands]

	Stop <sub>i</sub> beginnin	pages ig in year		during year oppages)	Stop <sub>i</sub> beginnin	pages g in year		during yea oppages)
Industry group	Number	Workers	Number	Percent of estimated total working time 1	Number	Workers involved	Number	Percent of estimated total working time 1
		18	969			19	70	
All industries	2 5,700	2,481.0	42,869.0	0.24	<sup>2</sup> 5,716	3,305.2	66,413.8	0.3
Manufacturing	2 2,822	1,308.0	24,107.0	.47	<sup>2</sup> 2,481	1,128.1	38,006.4	.7
Ordnance and accessories	18	19.3	460.9	.57	8	7.4	103.6	
Food and kindred products		74.0	1,516.7	.33	212	50.8	985.5	.2
Tobacco manufactures		4.1	8.5	.04	3	3.7	15.5	.0
Textile mill products	41	17.6	138.5	.06	43	8.2	151.2	.0
Apparel and other finished products made from fabrics	-	17.0	130.5	.00	43	0.2	151.2	
and similar materials	102	19.1	185.0	.05			1000	
Lumber and wood products, except furniture.	76	15.4	296.4		80	8.7	162.6	.0
Furniture and fixtures	/6			.19	63	8.8	306.3	.2
Paper and allied products		17.7	350.5	.28	85	22.6	409.2	.3
Drinting publishing and alled industria	126	35.8	473.9	.26	129	37.7	763.5	.4
Printing, publishing, and allied industries		43.5	464.1	17	92	22.8	414.5	.1
Chemicals and allied products		49.8	1,355.5	.51	150	38.0	1,336.5	.5
Petroleum refining and related industries		44.5	1,034.9	2.21	17	1.7	27.3	.0
Rubber and miscellaneous plastics products		32.0	353.3	.24	132	81.3	2,322.7	1.6
Leather and leather products	24	4.7	63.1	.07	21	4.8	59.8	.0
Stone, clay, and glass products	194	46.2	679.1	.40	164	32.8	830.0	.5
Primary metal industries	241	106.8	1,633.2	.48	214	81.0	2,300.3	.6
Fabricated metal products, except ordnance, machinery,								
and transportation equipment	381	73.8	1,377.5	.37	323	117.5	3,444.2	.9
Machinery, except electrical	361	147.9	3.167.6	.62	292	118.5	3,602.9	
Electrical machinery, equipment, and supplies	264	268.8	5,478.9	1.05	191	133.2	6,208.1	1.
Transportation equipment	202	263.9	4,500.5	.87	158	326.8	14,033.9	3.9
Professional, scientific, and controlling instruments; photo-			1,000.0	,	, , ,	020.0	(4,000.0	0
graphic and optical goods; watches and clocks	26	8.7	314.2	.26	31	10.1	223.3	
Miscellaneous manufacturing industries	71	14.5	224.7	.20	73	11.7	305.5	
								•
lonmanufacturing	² 2,893	1,174.0	18,763.0	.14	* 3,240	2,177.1	28,407.4	.2
Agriculture, forestry, and fisheries	16	14.8	228.5	.08	27	11.2	250.3	.0
Mining	495	220.4	1,156.9	.72	544	211.4	849.6	.5
Contract construction	963	433.1	19,385.8	1.19	1,137	621.0	15.240.4	1.7
Transportation, communication, electric, gas, and sanitary					.,	0		
services	320	212.0	4,030.9	.38	400	858.5	7.212.8	.6
Wholesale and retail trade	470	92.6	1,309.9	.04	487	73.6	1,875.8	
Finance, insurance, and real estate	22	6.5	199.9	.02	23	18.8	282.0	
Services	186	34.8	705.1	.02	210	49.0	673.2	 ).
Government 3	411	160.0	745.7	.02	412	333.5	2.023.3	·. ).
Federal	2	0.6	1.1	.02 (*)	3	155.8	648.3	.`
State	37	20.5	152.4	(4)	23	8.8	44.6	,
	1							ì
Local	372	139.0	592.2	(4)	386	168.8	1,330.4	



Table 132. Work stoppages involving six workers or more by industry group, 1969-81—Continued [Workers and days idle in unousands]

	Stopp beginning	ages g in year		during year oppages)	Stopp beginnin			during year oppages)
Industry group	Number	Workers involved	Number	Percent of estimated total working time 1	Number	Workers involved	Number	Percent o estimated total working time <sup>1</sup>
		19	71			19	172	
All industries	² 5,138	3,279.6	47,589.1	0.26	² 5,010	1,713.6	27,066.4	0.1
	² 2,391	862.7	18,484.8	.39	² 2.056	645.9	12,282.6	.2
Manufacturing		2.7	41.6	.08	6	8.3	266.8	.5
Ordnance and accessories		85.4	868.0	.19	190	75.0	1,282.9	.2
Food and kindred products	215		347.6	1.85	2	(7)	1.8	ō
Tobacco manufactures	5	9.2		4	47	13.8	107.0	.0
Textile mill products	36	5.0	70.3	.03	l 4/	13.6	107.0	
Apparel and other finished products made from fabrics			4.5-	1	70	120	694.0	.2
and similar materials		19.3	197.4	.06	70	12.0	1	.1
Lumber and wood products, except furniture	66	7.3	194.8	.13	76	13.9	211.1	1
Furniture and fixtures	73	10.9	316.2	.27	76	14.3	229.4	1 .1
Paper and allied products	98	34.9	1,006.2	.58	74	14.5	273.3	.1
Printing, publishing, and allied industries	81	28.7	793.7	.29	65	13.3	271.7	.1
Chemicals and allied products	132	21.3	687.5	.27	98	19.6	726.6	
Petroleum refining and related industries	13	7.6	99.9	.21	11	4.5	126.8	
Rubber and miscellaneous plastics products		27.9	426.4	.29	95	23.4	272.4	
Leather and leather products		6.5	95.6	.12	14	2.9	45.8	.0
Stone, clay, and glass products		29.9	544.9	.34	140	23.2	376.0	
Primary metal industries	235	100.9	2,622.6	.84	165	53.0	1,310.9	
Cabinated matel products event orderance machinery		100.0	2,022.0				1	1
Fabricated metal products, except ordnance, machinery,	350	95.2	2,028.2	.60	283	51.1	1,122.4	.:
and transportation equipment	330	124.1	3,293.2		281	79.9	2,287.8	
Machinery, except electrical		I	1,549.4	.34	161	95.4	695.4	
Electrical machinery, equipment, and supplies		109.1	2,742.9	.62	133	116.8	1,734.2	1 .
Transportation equipment	168	119.6	2,742.9	.02	133	110.0	1,104.2	1
Professional, scientific, and controlling instruments; photo-				0.7	00	1 40	134.3	
graphic and optical goods; watches and clocks		9.3	402.0		22	4.9 6.0	111.9	
Miscellaneous manufacturing industries	44	7.7	156.4	.15	44	6.0	111.5	
Nonmanufactunng	2 2,762	2,416.8	29,104.3		2 2,954	1,067.7	14,783.8	
Agriculture, forestry, and fisheries		1.5	4.2	(?)	12	5.3	90.9	
Mining		383.2	4,934.4	3.23	1,000	267.1	724.3	
Contract construction		451.3	6,849.6	.83	701	454.2	7,843.7	
Transportation, communication, electric, gas, and sanitary					1	1		
Services	. 316	1,263.7	13,419.9	1.18	256	114.6	3,245.0	1 .
Wholesale and retail trade		134.0	2,086.4	1	389	52.3	1,131.6	
Finance, insurance, and real estate		2.1	61.7		23	2.7	52.7	1 .
	177	25.7			198	29.3	438.4	
00,1000	•	152.6	1	1	375	142.1	1	.
Government 5		1.0	1	1	1 -	_	<b>—</b>	
Federal		14.5	1 -	1	40	27.4	273.7	
State		14.5	01.0		30	8.8	i	
County		1271	0115	(4)	50	5.0	-	
Local		137.1	811.5		128	19.9	135.6	
City		_	-		1			
School district		-		_	171	35.6	٠	1
Other local government		<u> </u>		_	6	4	1.0	

Table 132. Work stoppages involving six workers or more by industry group, 1969-81—Continued [Workers and days idle in thousands]

		pages g in year		during year oppages)		pages g in year		during ye oppages)
Industry group	Number	Workers involved	Number	Percent of estimated total working time 1	Number	Workers involved	Number	Percent estimate total workin time
		19	73			18	174	
All industries	* 5,353	2,250.7	27,948.4	0.14	<sup>2</sup> 8,074	2,777.7	47,990.9	0.
nufacturing	² 2,282	963.4	14,318.5	.29	12,823	1,145.3	23,598.8	
Ordnance and accessories	5	4.4	222.2	.46	8	2.4	153.2	•
Food and kindred products	186	89.5	1.007.9	.23	285	68.2	1,539.1	
Tobacco manufactures		05.5	1,007.5	.25	203	8.0	68.2	
Textile mill products	46	9.4	268.0	.10	45	22.7	758.4	
Apparel and other finished products made from fabrics	70		∠00.0	.10	40	22.1	750.4	'
and similar materials	45	11.2	999.4	20	66	100.8	893.2	
Lumber and wood products, except furniture	45 85	18.8	248.6	.30 .16	87		, ,	
Furniture and fixtures	82				- :	19.5	332.4	
Paper and allied products	98	14.7	290.9 410.3	.22 .23	88	20.0	309.0	
Printing, publishing, and allied industries	83	23.9			136	35.8	685.2	
		23.2	281.1	.10	89	23.5	545.0	
Chemicals and allied products	132	32.1	501.1	.19	156	41.5	1,599.8	
	15	9.1	538.8	1.14	25	5.5	148.1	
Rubber and miscellaneous plastics products	143	102.3	1,743.0	1.01	128	36.2	971.1	
Leather and leather products	10	2.1	22.7	.03	15	8.0	122.8	
Stone, clay, and glass products	176	28.5	829.5	.36	187	35.3	1,003.9	
Primary metal industries	171	56.8	760.5	.23	225	73.3	1,585.9	
Fabricated metal products, except ordnance, machinery,		[						
and transportation equipment	295	76.7	1,239.9	.34	423	87.8	2,101.9	
Mechinery, except electrical	323	167.0	2,006.4	.39	401	170.4	3,02 <del>6</del> .1	
Electrical machinery, equipment, and supplies	173	87.1	1,234.2	.25	220	182.8	3,643.0	
Transportation equipment	160	206.2	1,437.9	.31	197	181.0	3,739.3	
Professional, scientific, and controlling instruments; photo-							]	
graphic and optical goods; watches and clocks	35	13.8	278.3	.22	41	14.0	165.3	
Miscellaneous manufacturing industries	43	8.9	200.0	.18	89	10.7	209.7	
manufacturing	3,072	1,287 3	13,829.9	.09	*3,253	1,632.4	24,392.1	
Agriculture, forestry, and fisheries	11	23.2	479.0	.15	13	21.5	459.7	
Mining	1,079	301.0	865.4	.55	1,050	501.3	4,061,0	2
Contract construction	539	367.4	3,663.4	.40	688	829.8	12,721.0	1
Transportation, communication, electric, gas, and sanitary	İ						l	
services	324	192.7	3,296.5	.28	320	140.2	3,225.5	
Wholesale and retail trade	499	138.0	2,123.8	.05	549	137.0	1,757.8	
Finance, insurance, and real estate	24	3.5	80.2	.01	29	2.6	62.9	
Services	210	67.7	822.5	.03	220	39.2	700.1	
Government <sup>3</sup>	387	195.9	2,299.3	.07	384	160.7	1,404.2	
Federal	1	.5	4.6	_	2	.5	1.4	
State	29	12.3	133.0		34	24.7	88.4	
County	40	13.4	89.2	-	32	14.8	96.5	
Local	_	- 1	_		-	-	-1	
City	95	17.2	102.8	-	118	38.5	227.7	
School district	210	149.2	1,920.4		(4)	(*)	(*)	
Other local government	14	3.9	53.9	_	(4)	(4)	(4)	
Special district 6	_	į.	i	1	200	84.3	992.1	



Table 132. Work stoppages involving six workers or more by industry group, 1969-81—Continued [Workers and days idle in thousands]

		oages g in year		during year oppages)	Stopp beginnin	pages g in year		during year ppages)
industry group	Number	Workers	Number	Percent of estimated total working time 1	Number	Workers involved	Number	Percent of estimated total working time
		19	75			19	76	
All industries	² 5,031	1,745.6	31,237.0	0.16	²5,648	2,420.0	37,858.9	0.11
Manufacturing	· 1.897	463.8	14,876.1	.32	²2,245	974.5	24,263.1	.5
Ordnance and accessories		1	-	.45	1	. 8	42.1	.1
Food and kindred products		. 29.1	838 4	.20	227	90.4	1,848.0	.4
Tobacco manufactures		· _	. –	_	1	į . <b>1</b>	3.2	; .0:
Textile mill products		2.2	. 27.3	.01	36	7.9	115.0	.O!
Apparel and other finished products made from fabrics		!	į			i	<u>;</u>	ī F
and similar materials		10.0	109.5	.04	47	11.6	230.5	.0
Lumber and wood products, except furniture		17.2	282.6	.20	69	10.8	429.4	<u> </u>
Furniture and fixtures		. 11.6	354.4	.31	73	10.3	266.6	.2
Paper and allied products	¦ 68	12.2	622.2	i .38	95	23.0	479.0	.2
Printing, publishing, and allied industries		13.5	237.6	.09	54	13.1	225.4	.0
Chemicals and allied products		17.7	747.4	.29	129	28.8	1,116.8	.4
Petroleum refining and related industries		20.4	613.3	1.23	17	1.1	19.1	.0
Rubber and miscallaneous plastics products	57	10.4	238.1	.16	120	93.1	6,082.4	3.9
Leather and leather products	9	1.0	93	.01	12	2.6	55.1	.0
Stone, clay, and glass *ERR97*products	140	17.6	484.3	; .31	146	28.0	612.5	.3
Primary metal industries		42.6	1,168.9	.39	197	54.9	1,304.3	.4
Fabricated metal products, except ordnance, machinery,	!	:	l	1		i t		
and transportation equipment	: 309	48.6	1,779.3	.53	309	63.8	1,631.5	.4
Machinery, except electrical	274	74.4	2,370.8	.45	309	144.5	2,721.8	.5
Electrical machinery, equipment, and supplies	120	34.0	850.7	j .19	! 204	134.8	2,235.5	.4
Transportation equipment	137	77.9	3,404.9	.82	130	238.1	4,322.9	9
Professional, scientific, and controlling instruments; photo-		Ì	1		ļ	1		İ .
graphic and optical goods; watches and clocks	32	10.7	287.9	.23	29	5.3	128.1	.1
Miscellaneous manufacturing industries		5.8	255.6	.25	60	11.4	393.9	.3
Nonmanufacturing	23,134	1,281.8	16,360.9	 	²3,406	1,445.5	13,595.8	.0
Agriculture, forestry, and fisheries	7	.7	35.9	.01	10	2.4	13.9	i (
Mining		391.6	1.642.8	.88	1,425	514.7	2,220.1	1.1
Contract construction		308.0	7,307.3	.84	503	172.4	3,239.8	.3
Transportation, communication, electric, gas, and sanitary	<b>!</b>	1	İ	1	! 	000.4	2 464 2	
\$61/VICOS			3,089.0	.27	354	386.4	3,461.3 1,311.3	.3
Wholesale and retail trade		63.4	1,426.0	.03	467	55.8	1 -	.0
Finance, insurance, and real estate		3.0	169.0	.02	27	25.4 107.3	273.0 1,383.6	.0
Services		29.9		.01	1	180.7	1,690.7	.0
Government 5		318.5		30.	378	1	(3)	
Federal				ļ —	1 25	33.8	148 2	
State	:	66.6	300.5	;	59	27.2	305.5	•
County		15.0			177	82.6	712.9	!
City		192.3			(4)	(1)	(4)	
School district				-	(*)	(*)	(*)	1
Other local government					116	1	524.2	
Special district 6	.¦ 150	. +4.7	405.7		!	1 37.0	, JE-7.E	



Table 132. Work stoppages involving six workers or more by industry group, 1969-81—Continued [Workers and days idle in thousands]

		pages ig in year		during year oppages)		pages ig in year		during yea oppages)
Industry group	: Number	Workers involved	Number	Percent of estimated total working time	Number	Workers involved	Number	Percent of estimated total working time
		19	77			18	978	
All industries	<sup>2</sup> 5,508	2,040.1	35,821.8	0.17	²4,130	1,822.8	36,921.5	0.1
lanufacturing	² 2,537	787.7	1 40 004 4	0.7	20.404	507.0	45 000 0	,
Ordnance and accessories	. " 2,537	1	18,331.4	.37	22,121	587.8	15.802.0	.3
Food and hindred and into	. 3	1.8	48.3	1	3	1.7	88 1	(1
Food and kindred products			1,501.4		171	33.3	558.2	.1
Tobacco manufactures		7.4	187.8	95	2	.2	1.0	.0
Textile mill products		4.3	86.4	.03	41	14.0	341.3	.1
Apparel and other finished products made from fabrics		İ	1	1	i I	1	1	
and similar materials	. 85	10.3	182.7	.06	40	5.8	138.7	.0
Lumber and wood products, except furniture	78	19.5	340.7	.21	89	12.5	270.9	.1
Furniture and fixtures	93	10.7	202.8	.18	60	8.9	297.2	.2
Paper and allied products	82	24.1	507.8	.29	102	39.8	2.177.5	1.2
Printing, publishing, and allied industries	57	9.7	241.2	.09	37	25.0	794.3	.2
Chemicals and allied products	,	19.3	838.0	.24	113	18.8		
Petroleum refining and related industries		8.3		.33		1	832.8	.2
Pubbor and miscollaneous pleatics conducts	23	1	172.3	,	21	6.3	88.0	.1
Rubber and miscellaneous plastics products	. 88	14.7	343.4	.20	89	17.1	382.0	.1
Leather and leather products		8.9	259.0	.39	, 8	1.8	42.8	.0
Stone, clay, and glass products		44.8	987.8	.60	133	19.7	469.1	.2
Primary metal industries		90.6	2,166.8	.71	187	45.2	1,377.6	.4
Fabricated metal products, except ordnance, machinery,		1	ļ	1	í †	1		
and transportation equipment	354	57.2	1,466.0	.40	360	60.0	1,682.7	.4
Machinery, except electrical	451	139.6	3,266.9	.5 <b>9</b>	277	83.5	2,159.7	.3
Electrical machinery, equipment, and supplies	. 199	78.2	1,076.3	.22	190	79.0	1,209.5	.2
Transportation equipment	189	172.0	1,175.5	.92	149	81.6	2,447.2	.5
Professional, scientific, and controlling instruments; photo-			i .,		į	1	-,	•-
graphic and optical goods; watches and clocks	39	8.7	218.4	.16	33	10.4	289.8	.1
Miscellaneous manufacturing industries.		9.5	288.1	.27		5.8	175.8	.1
And de little date in the interest in the induction of the interest in the induction of the interest in the induction of the	70	<b>9</b> .5	200.1	.21	. 36	5.6	175.6	. 1
onmanufacturing	2 2,970	1,252.3	17,485.8	.11	22,110	1,054.8	21,319.5	.1
Agriculture, forestry, and fisheries	10			•			1	
Mining	10	1.1	23.7	.01	14	1.7	35.4	.0
		678.4	7,280.5	3.48	275	114.4	10,260.8	4.8
Contract construction	486	217.5	3,284.4	.34	385	189.3	2,271.8	.2
Transportation, communication, electric, gas, and sanitary					i	1	l l	_
Services		56.1	2,157.1	.19	259	394.8	4,452.5	.3
Wholesale and retail trade		88.3	1,988.0	.04	445	117.3	1,757.9	.0
Finance, insurance, and real estate	•	2.8	966	.01	21	7.2	133 4	.0
Services		41.9	889.8	.03	232	56.4	701.2	.0
Government 5		170.2	1,785.7	.05	481	193.7	1,706.7	.0
Federal		.4	.5	_	1	4.8	27.8	
State.	i 44	33.7	181.9	! _	45	17.9	180.2	-
County	73	24.0	264.3		87	16.1	185.8	
City	192	72.0	864.7		282	124.4	1,047.5	-
School district	(1)	(4)	(4)	,	(4)	(4)	(4)	_
Other local government		(4)				(4)	(4)	_
Special district 5			( <sup>4</sup> )		(4)			-
opocial district	102	40.2	454.3		106	30.5	265.7	-



Table 132. Work stoppages involving six workers or more by industry group, 1969-81—Continued [Workers and days idle in thousands]

	Stoppages in y	beginning ear		during year ppages)	Stoppages in y		Days idle (all sto	during year ppages)
Industry group				Percent of				Percent of
meestry group	Number	Workers involved	Number	estimated total working time i	Number	Workers involved	Number	total working time
		19	79			19	80	
All industries	* 4,827	1,727.1	34,753.7	0.15	23,885	1,366.3	33,288.5	0.14
Manufactunng	2 2,296	<b>68</b> 0.6	20,291.4	.39	²1,809	453.3	17,153.6	.3
Ordnance and accessories	1	2.6	175.0	.45		_	-	-
	1	40.6	968.7	.22	155	32.8	810.3	.1
Food and kindred products	l .	40.8	.5	(7)			i	_
Tobacco manufactures	(	4.8	193.8	.09	33	5.5	165.1	.0
Textile mill products	30	4.0	100.0	.00				i
Apparel and other finished products made from fab-	. 55	10.5	230.1	.07	37	2.8	61.6	.0.
rics and similar materials		14.5	288.7	.17	70	9.8	419.5	.2
Lumber and wood products, except furniture		13.0	272.0	.20	60	15.2	310.0	.2
Furniture and fixtures	1	21.4	1,135.3	.63	68	18.4	634.3	3
Paper and allied products	39	10.7	216.5	.07	33	8.0	131.9	.0
Printing, publishing, and allied industries		22.2	1,172.2	.42	89	10.7	469.3	.1
Chemicals and allied products Petroleum refining and related industries	-	12.4	259.8	.48	19	64.8	3,763.5	7.2
	`	28.1	767.9	.42	61	8.6	241.9	.1
Rubber and miscellaneous plastics products	17	4.8	163.3	.25	7	3.1	41.8	.0
	1 .	28.6	573.7	.33	118	15.0	359.1	.2
Stone, clay, and glass products	1	49.9	1,480.8	.46	175	41.9	1,746.6	.ε
Primary metal industries		10.0	1,400.0	1		1		1
Fabricated metal products, except ordnance, machin- ery, and transportation equipment	352	56.1	1,962.6	.49	280	48.9	1,400.3	.3
		173.5	5,618.1	.90	280	62.2	2.759.1	.4
Machinery, except electrical  Electrical machinery, equipment, and supplies	··•	76.2	2,028.3	.37	140	45.2	753.4	.1
Transportation equipment		94.9	2,332.6	.47	114	48.6	2,679.2	.5
Professional, scientific. and controlling instruments;		, 54.5	_,002.0				İ	i
photographic and optical goods; watches and	1	ļ	•		ļ		İ	į
clocks		5.8	249.1	.14	29	6.0	202.1	i .1
Miscellaneous manufacturing industries		10.0	202.4	.19	42	5.8	204.6	.2
Nonmanufacturing	2 2,536	1,046 5	14,462.4	.06	12.080	9130	16,134.9	.0
Agriculture, forestry and fisheries		8.8	568.9	.16	19	j 7.9	107.6	· .c
Mining	1		510.8	.20	297	116.6	1,952.0	.7
Contract construction	1		1,646.4	.14	287	320.4	4,752.5	.4
Transportation, communication, electric, gas, and	] 	i			242	95.7	1,740.7	
sanitary services		:	5,642.7	.44	243		1,402.7	
Wholesale and retail trade	511		1,368.3		411	61.1 2.2		
Finance, insurance, and real estate		-	71.5		25 262	85.6	3,776.8	
Services		67.0	1,671.3			223.6	2.347.8	
Government 5		254.1	2,982.5	.08	1 1	.9	7.2	
Federal		40.0	E . E .	-	45	10.0	99.7	
State		48.6	515.5	3	64	16.2	161.8	
County		31.6	258.0	1	236	146.8	1.419.9	
City		160.0	2,034.3		230	140.0		
School district		! -	_			!	_	Ι.
Other local government		120	174.0		193	49.7	659 2	
Special district f	86	13.9	174.8		193	. 70.1	. 000 -	•



Table 132. Work stoppages involving six workers or more by industry group, 1969-81—Continued [Workers and days idle in thousands]

	Stoppages beg	inning in year	Days idle du (all stopp	
Industry group	Number	Workers involved	Number	Percent of estimated tota working time
		198	1	
All industries	² 2,568	1,080.8	24,729.7	0.1
Manufacturing	² 1,192	262.5	6,131.6	.1;
Ordnance and accessories	1,152		0,101.0	
Food and kindred products	109	15.1	314.5	.0
Tobacco manufactures	1	.3 :	5.4	1 .03
Textile mill products	15	2.5	53.7	.03
Apparel and other finished products made from fabrics and similar materials	25	6.7	86.3	.00
Lumber and wood products, except furniture	28	16.8	102.0	1
Furniture and fixtures	45	4.2	89.7	.00
Paper and allied products	47	9.4		.07
Printing, publishing, and allied industries	26		284.6	.16
Chemicals and allied products.	60	1.6	136.8	.04
Petroleum refining and related industries.	14	14.3	450.0	.16
Rubber and miscellaneous plastics products	36	4.3	128.9	.24
Leather and leather products	30	3.0	101.9	.05
Stone, clay, and glass products	11 71	2.7	12.0	.02
Primary metal industries	444	10.9	271.5	.17
Fabricated metal products, except ordinance, machinery, and transportation equip-	1	23.3	886.7	.31
ment	203	27.3	725.3	.18
Machinery, except electrical	181	44.3	883.2	.14
Electrical machinery, equipment, and supplies	106	38.4	557.8	.10
Transportation equipment	66	33.2	930.6	.20
Professional, scientific, and controlling instruments; photographic and optical		+		
goods; watches and clocks	16	2.3	76.8	.04
Miscellaneous manufacturing industries	19	2.0	33.9	.03
Ionmanufacturing	* 1,377	818.3	18,598.0	.10
Agriculture, foresiry, and fisheries	10	1.0	30.8	.01
Mining	196	298.4	8,866.4	3.19
Contract construction.	243	209.9	4,440.4	.41
Transportation, communication, electric, gas, and sanitary services	181	85.9	639.8	.05
Wholesale and retail trade	247	46.5	668 9	.01
Finance, insurance, and real estate	15	1.4	131.2	.01
Services	194	43.7	1,215.9	.03
Government s	291	131.5	2,604.8	.06
Federal	1	11.4	650.5	
State	20	33.0	348 7	_
County	54	15.1	201.1	_
City	195	66.3	1.311.2	_
School district				
Other local government	_	_	_	_
Special district *.	21	5.7	84.3	

<sup>&#</sup>x27;Agricultural and government employees are included in the total employed and total working time; private household, forestry, and fishery employees are excluded. An explanation of the measurement of idleness as a percentage of the total employed labor force and of the total time worked is tound in "Total Economy Measure of Strike Idleness," Monthly Labor Review. October 1968.

 $<sup>^{\</sup>pm}$  Stoppages extending into 2 industry groups or more have been counted in each industry affected; workers involved and days idle were allocated to the respective groups

<sup>1</sup> Less than 0 005 percent, or fewer than 100 workers or days.

<sup>\*</sup> Not available

<sup>&</sup>lt;sup>a</sup> For statistical purposes, the stoppages reported have been deemed to fall within the Bureau's definition at a work stoppage. The decision does not constitute a legal determination that a work stoppage has taken place in violation of any law or public policy.

<sup>&</sup>lt;sup>4</sup> Includes all stoppages that cross jurisdictional lines as well as those that occur in specially created districts that do not conform to pre-existing boundary lines. 1974 data are not directly comparable with 1975 data due to refinement in the interpretation of special districts.

NOTE: Because of rounding, sums of individual items may not equal totals.

Table 133. Work stoppages involving six workers or more by State, 1969-81 [Workers and days idle in thousands]

		1	969				970	
	Stoppages I			ys idle oppages)	Stoppages t			iys idle toppages)
State <sup>1</sup>	Number	Workers involved	Number	Percent of eatimated private nonfarm working time <sup>2</sup>	Number	Workers involved	Number	Percent of estimated private nonfarm working tim
United States	1 5,700	2,481.0	42,869.0	0.28	¹ 5,716	3,305.2	66,413.8	o
labama	83	24.3	366.2	.18	98	53.6	1,913.4	
aska	18	3.6	46.7	.35	17	1.5	35.4	İ
zona	26	4.4	40.0	.04	32	11.7	222.6	į
(ansas	29	4.7	114.6	.10	30	12.1	320.1	
lifornia	368	159.5	2,993.6	.21	343	288.2	3,665.3	
viorado	63	13.3	143.4	.09	43	15.8	193.5	
nnecticut		47.2	765.1	.28	91	39.4	620.7	1
aware		9.1	237.2	.52	29	14.4	279.3	
trict of Columbia	19	10.9	169.2	.21	25	7.7	82.5	
rida	107	59.5	1,157.5	.26	130	30.7	626.7	
		·	·					
orgia	64	19.3	593.3	.19	72	44.9	1,606.3	
waii	26	18.0	204.6	03	22	6.8	152.7	
ho	16	1.2	17.7	.05	15	5.6	35.5	
Ois	448	174.3	2,389.3	.24	413	255.2	4,860.8	
iana	214	100.0	1,408.9	.34	220	117.6	3,328.7	
/ <b>a</b>	98	27.5	490.4	.27	89	27.6	501.1	
1588	33	12.7	288.8	.21	49	30.8	574.7	•
ntucky	184	91.9	1,218.3	.65	161	103.9	1,072.6	ļ
isiana	75	23.0	668.0	.31	55	21.6	446.5	
in <del>e</del>	18	2.1	33.9	.05	21	7.7	125.7	
ıryland	81	38.2	594.6	.22	91	43.1	782.0	
ssachusetts	172	85.4	1.956.9	.39	184	53.5	1,419.2	
higan	305	90.2	1,614.5	.22	313	323.6	11,143.5	
nesota	75	11.0	155.8	.06	114	58.8	1,514.8	
sissippi	22	4.9	117.6	.10	35	11.6	211.5	
souri	190	135.7	5,046.9	1.42	169	123.4	4,618.2	
ntana	15	2.9	30.4	.08	18	6.3	28.1	
ritaria	29	2.9 6.6	207.2	.08	36	15.8	248.2	
vada	22	11.7	207.2 66.1	.16	23	29.5	269.1	
w Hampshire	23	3.1	88.4	.15	22	3.6	37.0	
į								
N Jersey	225	68.3	1,099.2	.19	280	136.9	2,156.4	
w Mexico		4.4	29.2	.03	28	6.2	43.9	
w York	521	248.5	4,389.1	.29	570	358.0	5,872.7	
th Carolina	48	11.0	224.1	.06	45	12.5	116.2	
th Dakota	7	.6	8.9	.01	12	3.0	17.2	
o	672	272.1	3,205.7	.37	632	333.4	7,457.6	
ahoma	34	10.3	229.5	.15	28	8.8	155.3	
gon	60	12.1	182.2	.13	39	21.9	244.2	Ì
nsylvania	655	255.4	3,447.1	.35	636	278.2	3 <b>,6</b> 95.1	
ode Island	52	15.7	382.1	.48	39	16.3	270.1	
ıth Carolina	20	3.8	95.2	.04	14	4.5	65.6	
ith Dakota	10	.8	9.8	.03	21	2.2	24.1	
nessee	133	37.8	597.0	.03	107	45.8	1,261.3	
85	141	90.1	2,652.7	.35	141	59.2	789.7	
h	19	5.8	41.4	.06	22	10.1	31.6	
mont	9	2.4		24	21	6.1	188.5	
mont	- 1	2.4 41.0	64.4	.21 .16	127	48.0	316.8	
shington	133 72	29.7	454.4 416.9	.18	57	17.3	310.7	
st Virginia	245	114.5	881.5	.78	313	117.0	1,067.3	•
st Virginia	116	58.0	1,176.2	.78	119	49.2	1,362.7	
Oming	9	2.2	53.5	.36	8	2.7	6.1	
ALIMA A	•	2.2	<b>93.</b> 0	.2/	•	E. 1	U. 1	



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Table 133. Work stoppages involving six workers or more by State, 1969-81—Continued [Workers and days idle in thousands]

		1	971				972	- ··
	Stoppages bye			ys idle oppages)	Stoppages bye			ys idle oppages)
State <sup>1</sup>	Number	- Workers involved	Number	Percent of estimated private nonfarm working time 2	Number	Vvorkers involved	Number	Percent of estimated private nonfarm working time
United States	¹ 5,138	3,279.8	47,589.1	0.32	1 5,010	1,713.6	27,066.4	0.
labama	79	44.5	777.2	.38	91	23.5	303.7	
laska	8	.4	11.4	.08	11	2.1	13.8	.(
rizon <b>a</b>	37	30.4	461.2	.40	34	7.6	109.7	
rkansas	25	9.7	78.9	.07	21	2.2	60.4	
alifornia	315	387.9	5,135.9	.37	301	113.3	2,149.7	
olorado	54	24.4	193.8	.13	35	13.7	298.3	
onnecticut	71	29.4	471.3	.18	72	21.0	250.0	
elaware	36	12.6	292.9	.64	28	8.7	46.5	
istrict of Columbia	30	18.7	126.6	.16	20	20.1	202.2	
	82		445.4	.10	83	15.4	283.2	
lorida		44.3	445.4				203.2	
leorgia	56	35.8	389.8	.12	68	27.5	283.2	
lawaii	21	3.7	32.2	.05	21	9.3	73.7	
leho	20	9.7	66.2	.16	13	1.8	29.8	
linois	356	228.8	2,419.4	.25	345	182.2	1,758.8	
ndiana	197	96.8	1,467.9	.38	181	5 <b>6</b> .0	1,066.7	
жа	84	45.8	710.6	.40	79	18.5	259.0	
ansas	32	30.9	238.5	.18	28	8.5	57.4	,
entucky	150	112.4	1,228.5	.65	156	73.9	489.5	
ouisiana	52	35.1	396.5	.19	46	5.8	133.8	
laine	14	8.5	154.7	.23	10	.8	12.4	,
faryland	79	48.3	558.4	.21	65	21.0	289.1	
Aassachusetts	154	42.2	675.2	.14	155	31.4	393.9	
Aichigan	282	126.3	2,942.8	.48	187	54.2	851.3	
Ainnesota	75	58.4	557.2	.21	53	59.7	1,749.5	
Alasia <del>si</del> ppi	25	23.1	240.9	.21	18	3.6	83.4	,
Aissouri	171	73.7	824.4	.24	120	58.0	748.9	
Aontana	25	14.0	428.5	1.12	28	2.8	37.5	,
lebraska	37	28.8	204.1	.21	14	2.4	43.1	
levada	22	7.8	59.7	.14	21	3.4	149.8	
lew Hampshire	17	1.9	21.8	.04	18	2.4	40.4	
lew Jersey	281	114.0	1,910.8	.32	188	43.3	1,023.7	
lew Mexico	24	11.8	108.7	.20	14	1.5	31.0	
New York	399	253.2	7,256.4	.49	392	159.9	4,510.5	
lorth Carolina	38	28.8	278.5	.07	50	15.0	78.8	
lorth Dakota	12	6.8	25.5	.09	11	.5	12.4	
)hio	524	250.5	3,872.8	.47	521	162.5	2,485.1	,
)klahoma	31	13.1	139.7	.09	35	3.2	57.9	
Oregon	43	38.1	512.9	.35	48	8.8	186.1	
ennsylvania	674	336.2	5,056.8	.52	618	171.7	2,891.1	
ihode Island	29	3.8	47.5	.06	35	8.9	84.3	
outh Carolina	13	9.4	103.5	.06	19	<b>~3.5</b>	3 <b>8</b> 7	
outh Dakota	10	5.8	53.2	.17	1 _	1.7	51.9	
ennessee	97	48.7	589.5	.21		40.6	494 6	
exas	134	110.1	922.5	.12		50.0	1,378.1	,
Jiah	19	19.9	238.8	35	26	4.1	593	,
ermont	5	.6	19.7	.06		2.2	226.2	<u> </u>
irginia	120	78.5	777.8	.26		38.3	163.4	; 
Vashington	67	66.0	1.071.5	.53		13.0	362 0	
Vest Virginia	426	202.9	2,244.1	2.09	,		517 1	
Visconsin	116	52.1	895.9	.21		27.9		
			•		- ·			! }



Table 133. Work stoppages involving six workers or more by State, 1969-81—Continued [Workers and days idle in thousands]

		1	973 ————		ļ		974	
	Stoppages t			ys idie oppages)	Stoppages t			lys idle toppages)
State <sup>1</sup>	Number	Workers involved	Number	Percent of eatimated private nonfarm working time *	Number	Workers involved	Number	Percent of estimated nonagricultura working time
United States	1 5,353	2,250.7	27, <del>94</del> 8.4	0.16	16,074	2,777.7	47,990.9	0.2
Alabama	90	26.4	385.2	.13	106	34.8	656.2	.2
Alaska	6	.7	27.8	.10	24	9.2	61.9	.2
Arizona	37	6.3	53.5	.03	28	25.0	558.6	.3
Arkansas	26 323	7.0 185.8	121.3 2,758.5	.0 <b>6</b> .12	53 462	17.6 340.1	229.5 6,544.2	.1
	323	105.0	2,700.5	.12	402	340.1	0,044.2	.3
Colorado	44	15.6	<b>263</b> .3	.12	40	10.5	134.5	.0
Connecticut	61	26.6	806.3	.26	65	11.1	242.6	.0
Delaware	24	11.8	106.0	.18	25	14.6	79.1	.1
District of Columbia	13	3.0	70.3	.04	30	10.6	93.1	.0
Florida	74	16.3	385.5	.06	77	45.9	1,250.1	· .1
Georgia	77	24.5	226.6	.05	52	16.2	166.2	.0
Hawaii	11	9.6	97.1	.12	24	17.9	482.7	.5
dahoda	16	3.6	54.3	.09	21	11.6	343.9	.5
Illinois	372	267.0	1,755.1	.18	416	211.6	3,792.9	.34
Indiana	190	65.2	923.7	.16	206	92.3	1,937.3	.34
lows	73	24.6	263.7	.11	105	32.4	571.7	.2
Kansas	26	2.6	30.7	.02	48	5.7	107.3	.0
Kentucky	205	84.3	710.3	.27	207	95.7	1,059.1	.3
Louisiana	54	16.7	501.1	.17	69	45.4	773.2	.20
Maine	12	2.3	16.3	.02	10	2.3	24.0	.0:
Maryland	69	19.6	250.1	.07	69	36.3	487.2	.1
Massachusetts	142	34.7	480.3	.08	160	65.9	1,126.1	.19
Michigan	262	210.7	1,788.6	.22	346	121.7	3,130.8	.30
Minnesota	76	10.6	335.6	.09	67	19.9	401.1	.1
Mississippi	25	11.5	114.9	.07	27	25.6	517.3	.30
Missouri	130	62.2	1,016.3	.23	179	88.5	2,439.9	.54
Montana	16	4.9	26.3	.05	23	13.1	343.7	.50
Nebraska	19	4.6	366.4	.27	21	11.7	343.4	.29
Nevada	19	4.5	33.4	.05	33	10.2	215.9	.33
New Hampshire	16	1.1	34.6	.05	16	1.6	27.7	.0.
New Jersey	202	77.0	1.098.9	.18	226	82.5	848.7	.1:
New Mexico	16	3.9	140.9	.18	27	5.6	96.1	.1
New York	386	149.1	1,608.3	.09	377	132.1	1,664.7	.01
North Carolina	45	9.5	62.6	.01	51	16.1	542.4	.1
North Dakota	13	.7	10.0	.02	7	.8	4.7	.0
Ohlo	502	218.7	2,647.5	.25	560	205.4	3,335.1	.32
Oklahoma	26	6.2	169.6	.08	47	14.6	380.5	.17
Oregon	64	37.6	821.7	.35	72	25.9	430.5	.20
Pennsylvania	623	201.6	3,031.6	.27	721	293.2	3,944.7	.39
Rhode Island	30	13.3	198.5	.22	32	6.1	112.7	.12
South Carolina	15		700	00	44	4.7	180.0	.00
South Dakota	12	1.7	78.8 8.2	.03 .01	14   13	4.7 4.3	160.6 79.3	.00
Tennessee	104	35.6	796.4	.01	112	41.9	918.0	.23
Texas	97	24.0	1,451.1	.14	138	44.9	1,003.6	.09
Utah	6	1.1	9.1	.01	31	17.7	181.5	.15
Vermont	3	.7	4.6	.01	5	.4	2.6	.0
Virginia	234	55.8	261.9	.06	204	88.3	1,055.6	.23
Washington	62	13.6	262.6	.09	150	105.1	2,113.5	.70
West Virginia	614	172.7	607.5	.43	563	197.4	1,598.1	1.1
Wisconsin	110	40.6	670.2	.18	117	60.6	1,195.5	.28



Table 133. Work stoppages involving six workers or more by State, 1969-81—Continued (Workers and days idle in thousands)

			975 				978	
0	Stoppages b			ys idle oppages)	Stoppages b			ys idle oppages)
State 1	Number	Workers involved	Number	Percent of estimated nonagricultural working time <sup>2</sup>	Number	Workers involved	Number	Percent of estimated nonagriculture working time
United States	15,031	1,745.8	31,237.0	<b>0.18</b>	5,648	2,240.0	37,858.9	0.1
Nabama	83	15.1	239.8	.08	150	58.0	1,315.5	.4
Alaska	18	5.7	37.0	.09	19	9.7	70.6	.1
Arizona	27	10.4	137.2	.08	30	18.8	181.7	.1
Arkansas	13	3.0	85.7	.05	23	7.7	270.8	.1
California	313	98.8	1,713.0	.09	332	152.3	2,788.7	.1
Colorado	47	15.2	204.7	.09	38	7.7	91.2	.0
Connecticut	69	24.9	1,309.1	.43	68	21.1	621.1	] .2
Delaware	33	12.6	140.5	.25	8	3.3	21.5	.0
District of Columbia	31	32.6	807.6	.55	18	4.9	111.2	.0
Florida	54	21.5	637.8	.09	55	17.4	<b>26</b> 9.1	.0
Georgia	46	20.6	255.9	.06	52	20.1	328.4	.0
Hawaii	13	1.9	32.4	.04	20	3.0	35.3	.0
daho	18	3.1	23.1	.03	13	4.7	171.7	.2
Illinois	382	151.5	2,351.3	.21	421	151.4	1,891.0	.3
ndiana	173	38.6	718.5	.15	193	88.1	1,593.2	.3
lowa	66	15.7	293.7	.12	78	47.1	1,109.8	4
Kansas	28	3.4	114.7	.06	31	15.2	504.8	.2
Kentucky	171	57.3	666.0	.25	211	111.3	1,339.4	.4
Louisiana	49	18.2	535.7	.18	46	8.9	159.5	.0
Maine	9	.7	12.7	.01	19	7.8	93.0	
Maryland	58	22.9	590.9	.18	52	21.0	390.9 741.8	.1
Massachusetts	109	34.1	878.4	.15 .12	129 260	81.2 209.0	3,151.3	.3
Michigan	189 91	35.0 41.7	934.8 872.1	.18	115	22.8	485.4	1 .1
Minnesota Mississippi	18	2.9	87.8	.05	26	8.7	126.5	.0
Missoni	108	31.4	1,608.7	.37	163	82.7	1,197,3	.2
Missouri Montana	30	5.8	84.8	.14	23	2.9	14.8	.0
Nebraska	17	7.2	100.6	.07	14	6.7	175.9	.1
Nevada	17	1.8	13.2	.02	14	21.5	240.7	\ .3
New Hampshire		1.8	25.6	.03	10	2.2	47.4	\ \ \`\
New Jersey	191	65.3	1,039.7	.15	248	89.4	1,396.8	.2
New Mexico	13	1.8	47.0	.05	19	8.9	63.3	.0
New York	338	189.7	2,227.6	.13	345	187.2	1,926.5	.1
North Carolina	13	2.7	172.8	.03	38	15.1	431.3	.0
North Dakota	10	1.5	37.7	.08	10	.7	14.4	0.
Onio	432	130.3	2,232.7	.22	549	270.8	4,838.8	.4
Oklahoma	29	3.9	164.8	.07	32	10.8	394.8	.1
Oregon	48	12.9	166.2	.08	62	15.3	312.3	.1
Pennsylvania	654	245.1	2,851.8	.26	721	243.3	2,840.4	.2
Rhode Island	49	13.6	365.0	.42	27	7.3	141.8	.1
Scuth Carolina		1.5	51.8	.02	12	2.4	43.3	.0
South Dakota	11	.7	87.5	.13	5	3.5	16.1	.0
Tennessee	73	15.4	406.9	.11	110	50.8	1,077.2 818.4	.2
Tex <b>as</b> Utah	113 24	73.6 10.0	3,705.3 109.3	.08	115	34.1 3.7	31.7	
	_					4.4	42.8	,
Vermont	1	1.1	6.5	.02	5 203	1.1 64.5	570.2	
Virginia	!	54.3 25.5	267.8 392.7	.13	93	38.1	1,386.5	
Washington	1	151.8	890.7	.83	692	206.9	1,274.3	
West Virginia	1	28.0	858.8	.18	78	31.7	685.3	1 .1
TTIOOGISE	1	. 20.0	44.1	.12	7	1.8	38.2	



Table 133. Work stoppages involving six workers or more by State, 1969-81—Continued [Workers and days idle in thousands]

<b>.</b>		<del></del>	977		<u> </u>		978	
State <sup>1</sup>	Stoppages t			ys idle oppages)	Stoppages b			lys idle loppages)
Ciata	Number	Workers involved	Number	Percent of estimated nonagricultural working time <sup>2</sup>	Number	Workers involved	Number	Percent of estimated nonagriculture working time
United States	¹ 5,506	<b>2,04</b> 0.1	35,821.8	0.17	14,230	1,622.6	36,921.5	0.1
Alabama	158	64.6	1,059.4	.34	69	21.6	1,069.0	.3
Alaska	11	2.5	102.4	.25	12	1.5	58.2	.1
Arizona	27	13.5	304.3	.15	31	20.2	317.7	1. 1
Arkansas	24	3.5	69.9	.04	28	8.6	120.8	.0
California	409	144.0	2,911.1	.14	29 <del>6</del>	124.3	2,295.4	.11
Colorado	47	8.3	184.6	.07	37	17.1	185.9	ە.
Connecticut	65	13.9	292.8	.09	55	8.4	238.5	.0
Delaware	20	4.0	41,3	.07	23	8.7	139.2	.2:
District of Columbia	14	1.5	35.2	.02	26	6.4	63.6	.0.
Florida	56	11.1	428.5	.06	50	20.2	227.8	.03
Georgia	58	22.6	546.3	.11	40	23.8	202.6	.0.
Hawaii	8	14.7	666.0	.74	18	12.4	99.7	.1
daho	13	3.5	188.8	.25	15	5.0	41.3	.0
Illinois	420	196.8	2,245.6	.19	314	135.7	3,037.1	.20
ndiana	234	95.3	1,611.8	.31	211	62.0	1,497.0	.2
owa	98	30.1	651.7	.24	47	12.8	165.8	.04
Kansas	26	7.8	175.8	.08	21	14.5	119.5	.0
Kentucky	164	70.4	1,221.0	.42	102	63.2	2,092.7	.6
Louisiana	26	6.5	140.6	.04	38	20.8	235.5	.0
Maine	15	3.1	51.9	.05	24	7.6	213.5	.2
Maryland	43	12.2	126.4	.03	46	14.1	230.8	.0
Massachusetts	109	25.3	707.4	.12	117	25.2	330.5	.0.
Michigan	327	97.9	1,717.1	.20	300	93.7	1,756.9	.20
Minnesota	100	22.1	1,365.6	.34	91	35.0	775.0	.11
Mississippi	22	3.9	132.9	.07	29	11.6	201.8	.10
Missouri	148	43.0	869.0	.19	92	39.3	700.8	.14
Montana	29	9.7	117.4	.18	19	7.9	56.1	.0:
Nebraska	16	3.7	389.8	.26	14	14.2	79.3	.0
Nevada	18	5.7	61.7	.11	11	3.0	43.7	.0:
New Hampshire	7	1.2	6.2	.01	15	3.1	60.5	.0:
New Jersey	212	39.4	790.2	.11	219	51.2	555.8	.0.
New Mexico	17	4.1	55.3	.05	21	9.2	223.7	. 20
New York	370	66.7	1,059.8	.06	328	111.4	2,083.5	.1
North Carolina	22	6.9	141.4	.03	31 5	12.3 3.2	124.8 17.4	.0: .0:
Note: Dakota	3	.8	11.0	.02	5	3.2	17.4	.0.
Ohio	556	218.8	3,573.7	.34	441	141.3	3,756.6	.34
Oklahoma	40	4.3	102.7	.04	23	10.2	262.0	.10
Oregon	78	24.2	357.9	.15	44	19.6	570.3	.23
Pennsytvania Rhode Island	620 20	228.7 2.7	3,113.4 15.4	.27 .02	480 36	154.5   7.2	4,063.9 75.4	.08
		2.,,		.52		ŀ		
South Carolina	5 7	1.4	14.9	.01	21 3	10.3	<b>69</b> .0 7.1	.0:
South Dakota	98	1.2 24.3	45.1 862.5	.08 .21	91	1.3 40.3	749.3	.0
Texas	107	40.2	1,083.8	.09	91	52.0	636.3	.0:
Utah	20	11.1	204.5	.17	11	5.4	204.9	.10
Vermont	6	ام	2.5	01	4.1	0	11 E	
Vermont	147	.6 62.0	2.5 755.3	.01 .16	11 69	.9 35.4	11.5 1,291.2	.02
Washington	111	60.5	1,417.0	.10	94	41.4	1,471.1	.39
West Virginia	445	240.2	2,548.6	1.67	142	36.1	3,392.9	2.20
Wisconsin	119	59.3	1,132.3	.25	110	28.2	573.2	.12
		-0.0	.,					



Table 133. Work stoppages involving six workers or more by State, 1969–78—Continued [Workers and days idle in thousands]

			979			<u> </u>	980	
0	Stoppages t			ys idle oppages)	Stoppages bye			ys idle loppages)
State 1	Number	Workers involved	Number	Percent of estimated nonagricultural working time <sup>3</sup>	Number	Workers involved	Number	Percent of estimated nonagricultura working time
United States	4,827	1,727.1	34,753.7	0.15	13,885	1,366.3	33,288.5	0.1
Alabama	92	<b>26</b> .5	667.3	.19	46	13.4	487.7	.1.
Alaska	8	2.4	22.5	.05	7	.3	77.4	.1
Arizona	15	10.1	164.9	.07	22	20.1	1,164.1	.4
Arkansas	22	6.3	150.8	.08	16	2.1	73.5	.0
California	403	145.1	3,351.5	.14	357	<b>3</b> 38.7	6,775.0	.2
Colorado	24	8.2	231.5	.08	31	11.4	594.4	.1
Connecticut	61	25.2	1,114.1	.32	60	8.4	514.0	1.
Delaware	20	7.3	54.4	.08	13	1.6	35.3	.0
District of Columbia		8.3	183.3	.12	12	1.7	26.7	.03
Fiorida	42	20.6	435 1	.05	53	15.2	201.3	.0
Georgia	76	29.8	470.1	.09	35	4.6	123.6	.0
Hawaii	1 _ 1	11.9	274.8	.27	9	6.9	138.5	.14
Idaho	1	5.2	i4.3	.02	9	1.2	99.8	.13
Illinois	394	221.9	4,232.9	.35	268	87.8	2,443.7	.20
Indiana	193	59.4	1,546.9	.27	137	28.9	2,081.3	.34
lowa	60	45.7	747.3	.26	33	4.3	81.9	.00
Kansas	23	11.0	106.6	.04	8	3.0	97.8	.0
Kentucky	157	51.5	728.7	.23	109	27.8	584.0	.1
Louisiana	38	18.2	484.3	.13	25	10.0	360.7	.0
Maine	15	3.1	64.8	.06	19	3.9	111.8	.1
Maryland	41	14.9	401.7	.10	53	9.7	119.2	.0.
Massachusetts		29.0	531.1	.08	134	26.2	413.3	.0
Michigan	349	90.7	1,592.5	.17	286	77.7	1,779.6	.2
Minnesota	112	28.1	573.4	.13	95	21.8	580.3	.1
Mississippi	27	7.1	252.3	.12	8	5.4	115.3	.0
Missouri	123	37.0	988.0	.20	88	26.0	682.4	.1
Montana		2.4	46.3	.06	16	4.9	96.9	.1
Nebraska	14	12.9	79.0	.05	14	2.3	18.4	.0
Nevada		3.8	67.8	.07	23	11.4	125.2	.1,
New Hampshire	13	3.3	46.5	.05	11	2.9	59.3	.0
New Jersey	273	55.3	1,032.3	.14	236	41.8	809.3	.1
New Mexico		6.0	45.7	.04	9	2.9	83.4	.0
New York		129.8	2,027.4	.11	341	119.7	1,371.0	.0
North Carolina		14.1	277.1	.05	21	2.7	63.8	.0
North Dakota	3	.8	7.5	.01	3	.3	15.3	.0
Ohio	508	169.8	3,573.0	.32	384	97.5	2,430.5	.2
Oklahoma		8.9	195.1	.07	28	8.0	236.1	.0
Oregon		14.8	251.2	.09	42	10.0	209.9	.0
Pennsylvania	1 .	166.7	2,762.2	.23	449	118.6	2,216.5	.1
Rhode Island	44	17.1	150.4	.15	24	8.3	131.3	.1
South Carolina	11	3.2	63.7	.02	10	.7	51.3	.0
South Dakota	1	2.3	52.5	.09	5	.2	1.9	į (
Tennessee	1	37.3	913.7	.20	64	18.1	529.0	.1
Texas	1 .	36.8	815.6	.06	69 17	48.7 9.8	2,203.4 383.3	.1
Utah	16	9.1	59.5	.04	'/	8.0	, ,oo,.3	ع.
Vermont		2.2	26.2	.05	3	.4	28.3	.0
Virginia	'	24.0	525.2	.10	68	18.3	196.4	.0
Washington	1	17.2	780.1	.20	83	23.5	959.4	.2
West Virginia	1	38.2	526.0	.32	124	32.8	353.6 925.0	.1
Wisconsin		26.0	976.5	.20	79	24.0 2.9	925.0 47.4	.0
Wyoming	. 9	4.7	68.2	.13	/	2.9	47.4	.0



Table 133. Work stoppages involving six workers or more by State, 1969-81—Continued [Workers and days idle in thousands]

<u> </u>		198	<u> </u>	
	Stoppages beg	inning in year	Days idle (a	i stoppages)
State 1	Number	Workers involved	Number	Percent of estimated private nonfarm working time
United States	12,568	1,080.8	24,729.7	0 1
Alabama	29	18.1	693.9	.2
Alaska	5	.5	30.5	.0
Arizona	12	2.7	60.3	.0
Arkansas	13	2.2	52.0	.0
California	228	62.9	1,480.2	.0
Colorado	28	18.6	468.0	.1
Connecticut	42	10.0	174.6	 .0
Delaware	7	9.0	22.6	.0
District of Columbia	, e	8.1	22.2	.0
Florida	19	4.1	125.8	.0
1				
Georgia	23	10.0	263.3	.0
debo	7	.7	14.0	.0
daho	10	.7	19.1	.0
llinois	187	123.9	2,708.3	.2
ndiana	94	20.0	802.3	.1
OW8	41	9.8	193.3	.0
(ansus	16	1.6	44.5	.0.
Kentucky	62	28.3	503.1	.1
Ouisiana	7	1.4	53.6	.0
Maine	10	1.8	13.5	.0
Maryland	30	13.1	114.5	.0:
Massachusetts	102	28.7	696.0	.10
dichigan	129	23.5	584.3	.0
dinnesota	106	72.8	1,177.3	.2
Aississippi	9	2.5	64.2	.0:
j i	1		1	
Missouri	69	14.9	293.2	.0
Montana	14	9.2	42.2	.00
Nebraska	11	7.5	22.1	.0.
New Hampshire	5	.7	9.0	.0. .04.
i e	15	11.3	83.3	.04
New Jersey	136	30.8	456.1	.00
New Mexico	10	1.8	69.5	.00.
New York	255	69.8	960.7	.0:
North Carolina	10	1.7	72.9	.0
North Dakota	6	4.6	34.9	.00
Dhio	226	80.1	1,473.6	1.
Oklahoma	26	60.1 3.3	78.3	.14 .00
Oregon	24	10.0	155.9	.0. .00
Pennsylvania	323	153.6	3,991.2	.34
Phode Island .	31	6.7	206.4	.20
	- 1			·
South Carolina	5	.2	8.5	(3
South Dakota	3	.6	1.8	(,
ennessee	36	22.8	626.6	.14
Jiah	52   9	27.6 6.9	688.1 278.1	.04 .20
j	•	0.9	270.1	.2(
/ermont	10	2.8	42.2	.06
/rginia	42	30.2	930.2	.17
Vashington	51	27.7	160.4	.04
Vest Virginia	95	96.4	3,405.0	2,17
Visconsin	54	11.1	253.6	.08
Vyoming	6	1.3	4.8	.01

<sup>&</sup>lt;sup>1</sup> Stoppages extending across State lines have been counted separately in each State affected; workers involved and days idle were allocated among the States.

workers were added to both the employment and idleness estimates in 1973, and thereafter.



From 1969-72, idleness as a percent of working time estimates were based on employment in private nonfarm establishments. Government

<sup>\*</sup> Less than 0.005 percent.

NOTE: Because of rounding, sums of individual items may not equal totals

## **Technical Notes**

## Occupational injuries and ilinesses

(Covers table 134)

These statistics are based on recordkeeping definitions promulgated under the Occupational Safety and Health Act of 1970. They are not comparable with the statistical series on work injuries which the Bureau compiled for 1970 and earlier years.

The date include all cases resulting from a work accident or an exposure in the work environment which result in death, nonfatal illness, or nonfatal injury which involves medical treatment (beyond first aid), loss of consciousness, restriction of work or motion, or transfer to another job.

Estimates are made for industries and employmentsize classes and for severity classification: Fatalities, lost workday cases, and nonfatal cases without loss workdays. Lost workday cases are separated into those where the employee would have worked but could not and those in which work activity was restricted. Estimates of the number of cases and the number of days lost are made for both categories.

Most of the estimates are in the form of incidence rates, defined as the number of injuries and illness, or lost workdays, per 100 full-time employees. For this purpose, 200,000 employee hours represent 100 employee years. Only a few of the available measures are included in the *Handbook*. Full detail is presented in the annual bulletin, *Occupational Injuries and Illnesses in the United States, by Industry*.

#### Scope of survey

Virtually the entire private sector is covered by the survey, except for the following: Self-employed individuals (out of scope); small farms (excluded from coverage by legislation); mining or metal ores, coal, and nonmetallic minerals (collected by the Mine Safety and Health Administration); and operation of railroads (covered by the Federal Railroad Administration). The mining and railroad data are furnished to BLS and participating State agencies and included in

BLS publications. Federal employee experience is compiled by the Occupational Safety and Health Administration. Data on State and local government employees are collected by about half of the States and territories; these are not compiled nationally.

#### Classes of employees

The survey covers the experience of all classes of employees in the industries covered: Production, operating, construction, sales, services, delivery, technical, professional, office, administrative, clerical, and all other personnel.

### Sampling and estimating procedures

The sample design uses stratified random sampling with a Neyman allocation. The characteristics used to stratify the units are the State, SIC code, and employment. The sampling ratios at the various employment-size classes ranged from all units above a certain size class selected with certainty through declining proportions in each smaller employment-size class. The data for all reporting units in each industry are expanded by the inverse of the sampling ratio, and benchmarked to the appropriate employment level in each industry.

#### More detailed information

The Supplementary Data System provides detailed information describing various factors associated with work-related injuries and illnesses obtained from information reported by *employers* to State workers' compensation agencies. The Work Injury Report program examines selected types of accidents from responses by the *employee* to questionnaires designed to develop additional information. These data are not included in the *Handbook* but may be obtained by contacting the BLS Office of Occupational Safety and Health Statistics.



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Table 134. Occupational injury and illness incidence rates by Industry, United States, 1972-81

Industry and type of case 1	ļ	<b>.,</b>	Inci	dence ra	tes per 1	00 full-tii	me worke	97 <b>S</b> <sup>2</sup>	ī	
and type of case	1972 3	1973	1974	1975	1976	1977	1978	1979	1980	198
PRIVATE SECTOR 4	İ					1		!		•
Total cases		11.0	10.4	9.1	9.2	9.3	94	9.5	8 7	۵
ost workday cases	3.3	3.4	3.5	3.3	3.5	3.8	4.1	43		8
Nonfatal cases without lost workdays	7.6	7.5	6.9	5.8	5.7	5.5	5.3	52	47	4
ost workdays	47.9	53.3	54.6	56.1	60.5	61.6	63.5	67.7		
Agriculture, forestry, and fishing *	ļ						i		00.2	; <b>v</b> .
otal cases							1	i	! !	
ost workday cases		11.6 4.6	9.9 4.5	8.5	11.0	11.5	11.6	11.7	11.9	: 12
Ionfatal cases without lost workdays		7.0	5.3	3.7 4.7	4.7 6.3	5.1 6.3	5.4	57	5.8	5
osł workdays.		68.0	7.38	64.0	83.3	61.1	6.2 80.7	5.9	6.1 82.7	82
Mining		00.0	/.55		00.0			00.7	02.7	UE
otal cases		40.5								
ost workday cases		12.5	10.2	11.0	11.0	10.9	11.5	11.4	11 2	11
Ioniatal cases without lost workdays		5.8	5.1	5.7	5.8	6.0	6.4	68	6.5	6
ost workdays		6.7 119.6	5.0	5.3	5.1	4.9	5.0	4.6	4.6	. 446
		118.6	94.7	113.0	114.4	128.8	143.2	150.F	163.6	146
Construction				ļ	! :	} +	* !	! !	i	
Total cases	19.0	19.8	18.3	16.0	15.3	15.5	16.0	16.2	15.7	15
ost workday cases	6.0	6.1	5.9	5.5	5.5	5.9	6.4	6.8	6.5	į 6
ost workdays	12.9	13.6	12.4	10.5	9.8	9.6	9.6	9.3		8
	<b>88.</b> 5	98.1	99.8	100.8	105.0	111.5	109.4	120.4	117.0	113
General building contractors:			_				į	1		İ
otal cases	18.5	20.7	19.1	16.1	14.5	15.0	15.9	16.3	15.5	15
ost workday caseslonfatal cases without lost workdays	5.7	6.1	5.7	5.2	5.2		6.3	68	6.5	6
ost workdays		14.6	134	10.9	9.2	9.3	9.6	9.5	9.0	9
leavy construction contractors:	00.7	94.1	93.2	92.2	100.0	100.2	105.3	111.2	113.0	107
						<b>;</b>	i i	ĺ		i
otal cases	19.6	19.3	18.1	16.6	16.3	16.0	16.6	16.6	16.3	14
ost workday cases	6.1	6.1	6.0	6.0	5.5	<b>5</b> .7	6.2	6.7	6.3	, 6
ost workdays	13.4	13.1 107.6	12.1 112.7	10.6 116.2	10.7 109.2	10.2	.0.3 0.9	9.9	99	8
Special trade contractors:		107.0	112.7	110.2	108.2	116.7	. U. <b>y</b>	123.1	117.6	106
Total cases	100	40.4	47.0	45.7	45.0	450	45.0	l   400		
ost workday cases		19.4	17.8	15.7 5.5	15.3	15.6	15.8	16.0	15.5	15
Ionfatal cases without lost workdays	12.9	6.2 13.2	6.0 11.8	10.2	5.6 9.7	9.5	6.6 9.2	6.9 9.0	6.7 8.8	¦ 6
ost workdays.	83.8	96.3	97.9	99.3	105.8	115.5	111.0	124.3	118.9	119
Manufacturing			0,.0	00.0						
otal cases	15.0	150	440	400	40.0	40.4	40.0	40.0	400	
ost workday cases.		15.3 4.5	14.6 4.7	13.0 4.5	13.2 4.8	13 1	13.2	133	122	11
iontatal cases without lost workdays	11.4	10.8	9.9	8.5	8.3		5.6 7.6	5.9 7.4	5.4 6.8	1 -
ost workdays	62.6	68.2	72.7	75.4	79.5	82.5	84.9	90.2	86.7	82
Purable goods		00.2	,,	, 5.4	70.0	. 02.0	04.0	30.2	00.7	: 02.
otal cases	17.5	47.	400		444	440	140	440	400	
ost workday cases		17.1 4.8	16.0 5.1	14.1 4.8	14.1 5.1	14.0 5.4	14.2 5.9	14.2 6.3	12.9 5.6	12
Ionfatal cases without lost workdays	13.0	12.3	11.0	9.3	90	86	8.3	7.9	73	5. 6.
ost workdays		72.4	77.2	80.5	84.1	86.4	89.1	95.1	90.9	84
umber and wood products.	00.0	, _, ,		33.3	J-1.1	00.4	00.1	00.1	00.0	:
otal cases	25.4	24.1	22.2	20.4	22.1	22.3	22.6	20.7	106	17
ost workday cases		9.2	9.0	8.5	9.7	10.4	11.1	10.8	18.6 9.5	
Ionfatal cases without lost workdays		14.8	13.2	11.8	12.3	11.9	11.5	9.9	9.1	, 9 , 8.
ost workdays.		150.7	156.5	157.6	167.3	178.0	178.8	175.9	171.8	158.
urniture and fixtures.						,,	1	1, 0.0	.,	
otal cases	19.4	19.6	17.8	16.1	16.9	17.2	17.5	17.6	160	
ost workday cases		5.5	5.3	5.1	6.0	6.0	6.9	7.1	6.6	15. 6.
onfatal cases without lost workdays	14.2	14.1	12.5	10.9	10.9	11.2	10.6	10.4	9.4	8
ost workdays		75.2	78.6	83.1	94.5	92.0	95.9	99.6	97.6	91
lone, clay, and glass products.		į.	1			<del>-</del>	/-			
otal cases	18.8	18.2	18.2	15.9	16.1	16.9	16.8	168	150	14.
ost workday cases	5.6	5.9	6.3	5.8	6.4	6.9	7.8	8.0	71	6
Ionfatal cases without lost workdays	13.2	12.3	11.8	10.1	9.7	9.9	9.0	8.7	7.9	7.
ost workdays	93.1	96.2	107.3	109.1	114.1	120.4	126.3 ;	133.7	128.1	
rimary metal industries.			ļ	;	Ì	-		i		
otal cases	21.1	20.8	19.7	173	16.6	16.2	170	173	15 2	14.
ost workday cases.	5.7	6.3	6.8	6.3	6.3	6.8	7.5	8.1	71	6.
onfatal cases without lost workdays		14.5	129	10.9	10 3	9.4	9.5	9.2	8.1 <sup>1</sup>	7
ost workdays	1	107.1	110.8	116.5		119.4			128 3	121



Table 134. Occupational injury and illness incidence rates by industry, United States, 1972-81 — Continued

Industry and type of case 1	<b>.</b>	<sub>r</sub> ,	incic				time workers <sup>2</sup>				
musary and type of ouse	1972 3	1973	1974	1975	1976	1977	1978	1979	198C	198	
Fabricated metal products:	ļ								ļ	:	
otal cases	22 8	22 7	21.2	19 1	18.9	19 1	193		18 5	17	
ost workday cases		6.4	6.8	65	6.8	7.2	80	8 7	80	i 7.	
ionfatal cases without lost workdays		16.3	14.4	12.6	12.0	11.9	11.3	11.2	10.5	10	
ost workdays.	80.4	92.0	99.0	102.8	109.8	109.0	112.4	124.2	118.4	1 109	
fachinery, except electrical.						440		447	. 40.7		
otal cases		17.7	16.8	14.9	14.2	14.0	14.4	14.7 5.9	□ 13.7 : 5.5	12 5	
ost workday cases	i	4.3	4.8 12.0	4.6 10.3	4.6 9.6	4.7 9.3	9.0	5.9 8.7	8.2	7	
Ionfatal cases without lost workdaysost workdays		13.4	65.2	69.7	70.6	69.9	75.1		81.3	74	
•	JE.0	00.5	05.2		, 0.0	00.0			1		
lectric and electronic equipment:	10.7	10.8	10.2	8.5	8.5	8.6	87	86	8.0	, ,	
ost workday cases	i	2.7	2.8	2.5	2.8	30	3.3		3.3	į 3	
Ionfatal cases without lost workdays		8.1	7.3	6.0	5.7	5.6	5.4	5.2	4.7	4	
ost workdays	1	37.3	43.3	41.5	44.9	46.7	50.3	51.9	51.8	48	
ransportation equipment:				!				Į.	i	!	
otal cases	18.8	16.7	15.1	13.3	12.4	11.8	11.5	11.6	10.6	8	
ost workday cases	4.2	4.6	4.7	4.7	4.7	5.0	5.1	5.5	•	4	
Ionfatal cases without lost workdays		12.1	10.4	8.6	7.7	6.8	6.3	6.1	5 7	5	
ost workdays	<b>6</b> 0.5	67.3	69.5	79.5	73.8	79.3	78.0	85.9	82.4	78	
nstruments and related products:		İ				·		_	į		
otal cases		8.6	8.0	7.1	7.2	70	6.9	7.2	6.8	6	
ost workday cases		2.0	2.2	2.2	2.4	2.4	2.6	2.8 4.4	2.7	3	
ionfatal cases without lost workdays	1	6.6	5.8	4.9 36.6	4.8 36.7	4.6 37.4	4.3 37.0	40.0	41.8	38	
ost workdays.	24.5	26.6	31.6	30.0	30.7	37.4	37.0	40.0	1 71.0	50	
Ascellaneous manufacturing industries:	40.5	40.5	40.0	44.5	. 447	11.5	11.8	11.7	10.9	10	
otal cases		13.5	12. <del>6</del> 3.8	11.5 3.6	11.7 4.0	4.0	4.5	4.7	4.3	"2	
ost workday cases		9.8	8.8	7.8	7.7	7.5	7.3	7.0	6.5	6	
ost workdays		54.3	58.9	57.4	59.4	58.7	66.4	67.7	67.9	68	
Vondurable goods			55.5				, 	; }			
Total cases	12.9	12.8	12.6	11.4	11.8	11.8	11.8	11.8	11.1	10	
ost workday cases		3.9	4.1	4.0	44	4.7	5.0	5.3	5.0	4	
Ionfatal cases without lost workdays		8.8	8.4	7.3	7.4	7.1	6.8	6.5	6.1	5	
ost workdays		62.2	65.9	68.0	72.8	76.3	78.4	82.3	80.4	77	
ood and kindred products:		İ	İ	1				i :	İ	!	
Total cases	19.4	19.2	19.6	18.2	19.3	19.5	19.4	19.9	18.7	17	
ost workday cases		6.8	7.4	7.3	8.0	8.5	8.9	9.5	9.0	8	
Nonfatal cases without lost workdays		12.3	12.2	109	11.3	11.0	10.5	10.4	97	130	
ost workdays	91.6	98.6	107.7	113.0	1 23.8	130.1	132.2	141.8	130.0	130	
Tobacco manufacturers:		_									
otal cases		8.4	8.5	11.0	10.0	9.1	8.7 i 4.0	9.3	8.1	8	
ost workday cases		2.5	2.8 5.6	4.0	4.1 5.9	3.8 5.3	4.6	1	4.3	4	
Nonfatal cases without lost workdaysost workdays		33.0	39.9	57.3	62.5	66.7	58.6	64.8	45.8	56	
•	07.0	00.0	35.5	0,.0					į	-	
Textile mill products:		11.7	11.0	10.0	10.5	10.2	10.2	97	9.1	ĺε	
Total cases		2.6	2.5	2.4	2.7	2.9	3 4		:	1 3	
Ionfatal cases without lost workdays		9.1	8.5	7.6	7.7	7.3	6.8	63	5.8		
ost workdays		47.2	49.3	47.4	55.5	57.4	61.5	61.3	62.8	56	
Apparel and other textile products:	1			1			İ	!	1	1	
otal cases	7.5	7.7	7.1	5.9	6.7	6.7	6.5	65	6.4	6	
ost workday cases		1.9	1.8	16	1.9	2.0	22		1	2	
Ionfatal *ERR97*cases without lost workdays	5.7	5.8	5.3	4.3	4.8	4.7	4.3	43	4.2		
ost workdays	22.9	26.1	26.6	27.9	31.0	31.7	32.4	34.1	34.9	3	
aper and allied products.				1	[ :				1		
otal cases	1 4 .	15.8	15.1	13.4	13.7	13.6	13 5	13.5	12.7	1	
ost workday cases		4.3	4.4	4.1	4.7	5.0	5.7	6.0 7.5	5.8 6.9		
Nonfatal cases without lost workdays	i _ =	11.5	10 7	9.2 86.7	9.0	8.5 101.6	103.3			103	
ost workdays	76.4	87.1	85.8	30.7	; <del>, , , ,</del> ,	101.0	100.0	100.4	1		
Printing and publishing.		1					70	71	6.9		
Total cases		74	7.5 2.4	6.7 2.4	6.8	68	7.0				
ost workday cases  Nonfatal cases without lost workdays			50	_	4.2	4.1		40	3.8		
ost workdays	31.8			386	40.3	41.7	43.8	45 1	46.5	47	



Table 134. Occupational injury and illness incidence rates by industry, United States, 1972-81—Continued

industry and type of case 1	ļ	Incidence rates per 100 full-time workers <sup>2</sup>										
mousty and type of case .	1972 1	1973	1974	1975	1976	1977	1978	1979	1980	1981		
Chemicals and allied products:		1	ļ :	<u> </u>			!	!	!	!		
Total cases	! 100		0.5	0.0	0.0	! : 00		:				
Lost workday cases		9.7	95	8.3	8.2	8.0	7.8	77	6.8	66		
Nonfatal cases without lost workdays		3.0	2.9	2.8	3.1	31		3 5	3 1	3 (		
Lost workdays	43.3	6.7 48.6	6.5 48.3	5.5 48.2	5.1 50.6	4.9 51.4	4.5 50.9	4.2 54.9	3 7 50.3	; 3.6 48.		
Petroleum and coal products.		1	1			. 01.4	. 30.0	: 34.5	. 50.5	! 40.		
Total cases .	10.3	9.7	9.3	9.1	7.9	8.1	. 70	7.7	72	٠ .		
Lost workday cases	2.6	2.7	3.0	3.1	3.2	3.3	7.9 · 3.4	3.6	7.2	6.7		
Nonfatal cases without lost workdays	7.7	7.0	6.3	6.0	4.7	4.8	4.5	4.1	3.7	1		
ost workdays	50.2	57.1	59.0	63.0	62.5	59.2	58.3		59 1	3. 51.		
Rubber and miscellaneous plastics products:					<b>02.0</b>		50.5	JE.U	. 33 .	, 51		
Total cases	18 4	17.8	18.0	16.0	16.8	18.8	17.1	17 1	15.5	14.		
_ost workday cases	6.1	6.5	7.1	6.9	71	7.6	8.1	8.2	7.4	7.		
Nonfatal cases without lost workdays	12.3	11.3	10.8	9.1	9.7	_	9.0	8.9	8.1	7.4		
ost workdays	88.1	103.1	117.2	117.2	113.3	118.1	125.5	127.1	118.6	117.4		
eather and leather products:	į .									i		
Total cases	12.6	12.4	11.3	11.2	11.8	11.5	11.7	11.5	11.7	11.5		
_ost workday cases	3.7	3.6	3.6	3.8	4.1	4.4	4.7	4.9	50	5.1		
Nonfatal cases without lost workdays	8.8	8.8	7.7	7.3	7.4	7.1	6.9	8.6	6.7	6.4		
ost workdays	55.2	50.9	53.0	55.4	69.0	88.9	72.5	76.2	82.7	82.8		
Transportation and public utilities	į į		i					,	02			
otal cases	10.8	10.3	10.5	9.4	9.8	9.7	10.1	10.2	9.4	9.0		
ost workday cases	4.5	4.4	4.8	4.8	5.0	5.3	5.7	5.9	5.5	5.3		
Ionfatal cases without lost workdays	8.3	5.8	5.7	4.8	4.8	4.3	4.3	4.1	3.8	3.7		
ost workdays	70.7	82.5	89.8	88.2	94.0	95.9	102.3	107.0	104.5	100 €		
Wholesale and retail trade												
otal cases	8.4 j	8.8	8.4	7.3	7.5	7.7	7.9	8.0	7.4	7.3		
ost workday cases	2.8	2.7	2.8	2.8	2.8	2.9	3.2	3.4	3 2	3.1		
ionfatal cases without lost workdays	5.6	8.9	5.6	4.7	4.6	4.8	4.7	4.8	4.2	4.1		
ost workdays	34.9	37.6	37.4	39.6	43.2	44.0	44.9	490	48.7	45.3		
Vholesale trade			į		į	}		ļ				
otai cases	9.8	9.8	9.3	8.0	8.1	8.5	8.9	88	8.2	7.7		
ost workday cases	3.4	3.3	3.4	3.2	33	3.8	3.9	4.1	3.9	3.8		
lonfatal cases without lost workdays	6.4	6.4	5.9	4.8	4.8	4.9 İ	5.0	4.7	4.3	4.1		
ost workdays	42.2	45.5	46.3	48.2	51.8	52.5	57.5	59.1	58.2	54.7		
Retail trade <sup>6</sup>		į	Į Į	ļ	į	ļ	į					
otal cases			-	-!	7.2	7.4	7.5	7.7	71	7.1		
ost workday cases		-	;	- !	2.8	2.7	2.8	3.1	2.9	2.9		
Ionfatal cases without lost workdays	-	-	}	}	4.8	4.7	4.7	4.8	4.2	4.1		
ost workdays	i		- i	-	39.7	40.5	39.7	44.7	44.5	41.1		
Finance, Insurance, and real estate	1 1	į	:	į		į	į	!	ļ			
Otal cases	2.5	2.4	2.4	2.2	2.0	2.0	2.1	2.1	2.0	1.9		
ost workday cases	8	.8 }	.8	.8	.7	.8	.8	.9	.8	.8		
ionfatal cases without lost workdays	1.7	1.6	1.6	1.4	1.2	1.2	1.2	1.2	1.1	1.1		
ost workdays.	9.9	10.2	10.2	11.4	11.6	10.4	12.5	13.3	12.2	11.6		
Services			_	_ !				ľ	i			
Olai cases		6.2	5.8	5.4	53	5.5	5.5	5.5	5.2	5.0		
Ost workday cases		1.9	1.9	2.0	2.0	2.2	2.4	2.5	23	2.3		
ionfatai cases without lost workdays		4.2	3.9	3.4	3.3	3.3	3.1	3.0	2.9	2.6		
ost workdays	28.6	27.5	28.3	32.4	38.4	35.4	38.2	38.1	35.8	35.9		

<sup>&</sup>lt;sup>1</sup> Total cases include fatalities. Because of rounding, the difference between the total and the sum of the rates for lost workday cases and nonfatal cases without lost workdays does not reflect the fatality rate.

200,000 = base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor.



<sup>&</sup>lt;sup>2</sup> The incidence rates represent the number of injuries and illnesses or lost workdays per 100 full-time workers and were calculated as: (N/EH) X 200.000, where

N number of injuries and illnesses or lost workdays

EH total hours worked by all employees during calendar year.

<sup>&</sup>lt;sup>3</sup> Data for agricultural production, all of mining except oil and gas extraction, and railroads were not included in the 1972 estimates.

<sup>&</sup>lt;sup>4</sup> Excludes farms with fewer than 11 employees since 1976.

<sup>&</sup>lt;sup>5</sup> Estimates of 1972-75 for 2-digit and 3-digit SIC codes in retail trade were published in bulletins 1830, 1874, 1932, and 1981. Bureau of Labor Statistics.

## **Technical Notes**

## Foreign Labor Statistics

(Covers tables 135-147)

From its inception, BLS has conducted a program of research and statistical analysis to compare labor conditions in the United States and selected foreign countries. The principal comparative measures cover the labor force, employment, and unemployment; productivity, hourly compensation, and unit labor costs; average hourly earnings and estimated levels of hourly compensation costs; trends in prices and real earnings; and industrial disputes. All of the measures are based upon statistical data and other source materials from (a) the statistical agencies of the foreign countries studied; (b) international and supranational bodies such as the United Nations, the International Labour Office (ILO), the Organization for Economic Cooperation and Development (OECD), and the European Community (EC), which attempt to obtain comparable country data; and (c) other secondary sources. The Bureau does not initiate surveys or data collection programs abroad.

International comparisons based on foreign labor data are limited because statistical concepts and methods in each country are fashioned primarily to meet domestic rather than international needs. In some cases, the data are sufficiently similar in definition and concept for valid comparisons. In other cases, there are substantial conceptual differences and the Bureau adjusts the data to improve comparability or attempts to describe the differences so users will not draw misleading conclusions. In adjusting the data for greater comparability, the Bureau must depend on the availability of relevant information, and, in some instances, it is necessary to make estimates based on incomplete data. Therefore, it is possible to achieve only approximate statistical comparability among countries.

The basic labor force and unemployment statistics of most foreign countries require some adjustment to bring them into closer comparability with U.S. data. This is particularly true for meaningful comparisons of unemployment rates. The statistical incomparability of national figures on unemployment is attributable to two chief causes: (1) Differences in the systems for collecting data, and (2) differences in concepts or definitions. Table 135 provides the Bureau's current estimates of the civilian labor force, employment, em-

ployment to-population ratios, and unemployment approximating U.S. concepts. While adjustments have been made for all known major definitional differences, it should be recognized that it is possible to achieve only approximate statistical comparability among the countries. Nevertheless, the adjusted figures provide a better basis for international comparisons than the figures regularly published by each country. It should also be recognized that intercountry differences in unemployment rates reflect substantial differences in social and institutional arrangements, as well as in economic performance.

Table 136 provides civilian labor force participation rates by sex. These data relate to the civilian labor force approximating U.S. concepts as a percent of the civilian noninstitutionalized working age population. Table 137 provides civilian employment by major economic sector: Agriculture, industry, manufacturing, and services. For some countries, these sectoral data could not be fully adjusted to U.S. definitions. However, remaining differences are believed to be small.

Table 138 provides indexes of manufacturing productivity (as measured by output per hour), hourly compensation, unit labor costs (labor compensation per unit of output), and related measures for the United States and 10 other countries. The indexes are constructed from three aggregate measures—manufacturing output, total hours, and total compensation. For most countries, the measures refer to total manufacturing as defined by the International Standard Industrial Classification, but for some countries coverage of one or all measures is not exact. The hourly compensation and unit labor cost indexes are computed in U.S. dollar values as well as in national currency units so that changes in costs can be related to international trade competition.

Indexes of trade-weighted relative trends in manufacturing productivity, hourly compensation, and unit labor costs for the same 11 countries are shown in table 139. The indexes of relative trends represent ratios of each country's own indexes to weighted geometric averages of the indexes of the other 10 countries. The weights used to combine the other country



indexes reflect the relative importance of each country as a manufacturing trade competitor.

Table 140 provides statistics on average weekly hours of production workers in manufacturing in selected countries. The statistics are those collected through establishment surveys of employment, earnings, and hours by the statistical agencies of each country. They are not adjusted for comparability.

For international comparisons, BLS makes estimates of hourly compensation costs for production workers in manufacturing. These measures provide a better basis for comparisons of labor costs than the earnings statistics which are regularly published by many countries. Average hourly earnings do not include all items of labor compensation, nor do they include the same items of compensation for every country. The Bureau computes total compensation by adjusting regularly published average hourly earnings statistics for the items of compensation not included in earnings. Adjustment factors are obtained primarily from periodic labor cost surveys interpolated or projected to nonsurvey years on the basis of other available information; or they are obtained from surveys of manufactures or reports on social security and fringe benefit systems. For consistency, compensation is measured on an hours-worked basis for every country.

Hourly compensation is converted to U.S. dollars using the average daily exchange rate for the reference period. Changes in hourly compensation in U.S. dollars from one period to another are, therefore, affected by changes in currency exchange rates as well as by changes in compensation.

Hourly compensation in U.S. dollars indicates comparative levels of employer labor costs. However, because prices of goods and services vary greatly among countries and the commercial market exchange rates used to compare employer labor costs are not reliable indicators of relative differences in prices, these compensation figures do not indicate relative living standards of workers.

Because compensation is partly estimated, the statistics should not be considered as precise measures of comparative compensation costs. In addition, the compensation figures shown for a number of countries are the midpoint of an estimated average compensation range.

Table 141 presents hourly compensation costs and the average hourly earnings of production workers in manufacturing for 34 countries. Table 142 presents comparative figures on hourly direct pay as well as hourly compensation costs for 10 countries. The structure of compensation is shown for selected years for these same 10 countries in table 143. The sources of the structure data are primarily periodic labor cost

surveys from which the hourly compensation adjustment factors are obtained.

Indexes of real hourly and weekly compensation of manufacturing employees are presented in table 144 for the 11 countries covered by the manufacturing productivity and labor cost series. The real compensation indexes are computed by adjusting the indexes of nominal hourly and weekly compensation by indexes of consumer prices. Real compensation measures the constant purchasing power of total labor compensation, including employer (and employee) payments to both current and deferred social benefit plans as well as the current labor income of employees. The differences between the real hourly and weekly compensation trends reflect changes in average hours.

Table 145 provides consumer price index statistics for selected countries. The indexes reflect the market basket of goods and services purchased by the whole population or by a particular population group in each country. No adjustments for comparability are made in the total indexes except to convert them to a uniform base year (1967=100). Indexes are also presented for selected component expenditure categories for several countries. For some of the countries, adjustments have been made to the published indexes—by combining or removing items—in order to obtain more consistent categories.

In addition to consumer price indexes, most countries calculate indexes designed to measure changes in the level of commodity prices at a stage of distribution other than retail. These indexes are usually referred to as either wholesale or producer price indexes, but the distinction between these two terms does not follow any set rules common to all countries. In addition, there are major differences in the methods of index compilation among countries. Table 146 provides indexes of wholesale and producer prices for seven industrial countries listed by their official titles and unadjusted for comparability.

Table 147 provides statistics on the number of work stoppages and their severity rates, as measured by days lost per thousand employees in nonagricultural industries, for 14 industrial countries. The data relate to work stoppages in all sectors of the economy, except for France, which excludes work stoppages in agriculture and public administration, and Italy, where work stoppages in agriculture have been excluded. The data are from the ILO Year Book of Labour Statistics and national statistical publications and are not adjusted for comparability. "Work stoppages" usually refer to strikes and lockouts, although the exact definition differs from country to country. Differences in definitions are summarized in footnotes to the table.



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Table 135. Labor force, employment, and unemployment, selected countries, 1959-82

item and year	United States	Canada 1	Australia	Japan	France	Germany F.R. <sup>2</sup>	Great Britain	Italy	Nether- lands	Swede
ivilian labor force, approximat- ing U.S. concepts (in thou-								   	!	
sands)			l į	į		ļ j	i	1		
1959	68,369	6,286	(3)	43,320	18,960	25,850	23,330	20,900	(°)	3,60
1960	69,626	6.462	(3)	44,120	16,970	25,990	23,560	20,730 ;	(3)	3,67
1961	70,459	6,575	(3)	44,610	16,940	26,160	23,830	20,750	(3)	3,69
	•	6,670	(3)	45,040	19.080	26,210	24,160	20,610	(3)	3,71
1962	70,614			• • • • •	19,280	26,290	24,400	20,190	(3)	3,72
1963	71,833	6,805	(3)	45,430	-					3,71
1964	73,091	6,994	4,559	46,040	19.650	26,270	24,520	20,160	(3)	•
1965	74,455	7,207	4,689	46,780	19,750	26,360	24,670	19,810	(³)	3,74
1966	75,770	7,493	4,862	47,650	20,010	26,290	24,760	19,540	(3)	3,79
1967	77,347	7,747	5,022	48,810	20,110	25,730	24,740	19,710	( <sup>3</sup> ) i	3,7
1968	76,737	7,951	5,140	49,690	20,360	25,690	24,620	19,700	(3)	3,8
1969	80,734	6,194	5,284	50,140	20,770	25,9€0	24,600	19,530	( <sup>3</sup> )	3,8
1970	62,771	8,395	5,478	50,730	20.830	26,240	24,510	19,650	( <sup>3</sup> )	3,9
•				•	21,000	26,420	24,390	19,560	(a)	3,9
1971	84,362	6,639	5,624	51,120		26,340	24,610	19,360	(3)	3,9
1972	67,034	8,697	5,752	51,320	21,140			19,550	4,710	3,9
1973	89,429	9,276 9,639	5,901 6,053	52,590 52,440	21,360 21,590	26,540 26,400	24,860 24,690	19,890	4,770	4,0
1974	91,949	,			-					
1975	93,775	9,974	6,169	52,530	21,640	26,130	25,150	20,080	4,820	4,1 4,1
1976	96,158	10,206	6,244	53,100	21,870	25,900	25,330	20,300	4.690	
1977	99,009	10,498	6,358	53,820	22,140	25,670	25,450	20,530	4,950	4,1
1976	102,251	10,882	6,399	54,610	22,310	26,000	25,630	20,630	5,010	4,2
1979	104,962	11,207	6,480	55,210	22,500	26,240	25,730	20,916	5,100	4,2
1980	106,940	11,522	6,655	55,740	22,560	26,500	25,810	21,210	5,270	4,3
1981	108,670	11,830	6,771	56,320	4 22,700	26,630	4 25,650	21,380	5,480	4,3
1982	110,204	11,879	6,876	56,980	• 22,900	4 26,650	4 25,620	21,410	<b>4</b> 5,580	4,3
villan employment, approximat-			1							
ing U.S. concepts (in thou-										
sands)										
1959	64,630	5,936	(3)	42,340	16,630	25,340	22,680	20,020	(3)	3,5
1960	•	6.042	(3)	43,370	16,670	25,710	23,060	20,060	(3)	3,6
i		6,136		43,950	16,670	26,000	23,380	20,160	(3)	3,€
1961	65,746		(3)	•	18,830	26,060	23,530	20,100	(3)	3.6
1962		6,302	(3)	44,450	1		23,600	19,770	(3)	3.6
1963		6,454	(3)	44,840	19,040	26,170		-		3,6
1964	69,305	6,686	4,496	45,500	19,3 <b>9</b> 0	26,170	23,930	19,680	(3)	<u> </u>
1965	71,088	6,944	4,628	46,210	19,470	26,310	24,160	19,210	(3)	3,0
1966	72,895	7,242	4,765	47,200	19,660	26,220	24,220	16,900	(3)	3,
1967 ,	74,372	7,451	4,928	48,180	19,740	25,390	23,940	19,120	(3)	3,0
1968	75,920	7,593	5,046	49,100	19,670	25,400	23,630	19,090	(3)	3,
1969	· · · · ·	7,632	5,188	49,570	20,310	25,790	23,860	18,930	(3)	3,
1970	76,678	7,919	5,388	50,140	20,320	26,100	23,750	19,090	(3)	i 3,i
		8,104	5,517	50,460	20,430	26,260	23.350	19,020	(3)	3,1
1971		1		50,590	20,550	26,150	23,570	16,730	(3)	3,
1972		8,344	5,601		20,550	26,150	24,070	18,920	4,560	3.
1973 1974		8,761 9,125	5,765 5,891	51,910 51,710	20,960	25,980	24,120	19,340	4,590	3.
	İ						24,000	19,470	4,570	4,0
1975		9,284	5,866	51,530	20,730	25,230			4,630	4,0
1976		9,479	5,946	52,020	20,870	25.010	23,820	19,600	•	I
1977		9,648	6,000	52,720	21,050	24,970	23,840	<b>19.7</b> 9	4,700	4,0
1978	96,048	9,972	5,997	53,370	21,110	25,130	24,040	19,870	4,750	4,
1979	98.824	10.369	6,075	54,040	21,120	25,460	24,300	<b>20</b> ,100	4,830	4,
1980	99.303	10,655	6,250	54,600	21,120	25,730	24,000	20,380	4,950	4,
1961	1 1 1 1 1		6,380	55,060	4 20,970	25,550	23,090	20,460	4,990	4,
1982		10,574	6,385	55,620	4 20.940	+ 25,090	4 22,470	20,390	4,900	4,
ivilian employment-population	!				!	1	}			
ivilian employment-population ratio, approximating U.S. con-	İ	i i	· ·		1	1				
cepts <sup>5</sup> (percent)				!	į	1			;	
1960	56.1	52.6	(3)	66.7	59.5	59.4	i 61.1	54 0	(3)	6
		52.0		66.8	58 9		61.3	54.0	(")	6
1961	1				58.1		60.8	53.1	(3)	6
1962		52.9			57.2		60.6		(3)	¦ 6
1963	55.4	53 1	(3)			i			1	
1964	. 55.7	53.8	58.6	64.1	57.4	58.8				



Table 135. Labor force, employment, and unemployment, selected countries, 1959-82—Continued

Item and year	United States	Canada <sup>1</sup>	Australia	Japan	France	Germany F.R. <sup>2</sup>	Great Britain	Italy	Nether- lands	Sweder
villan employment-population ratio, approximating U.S. con- cepts 5 (percent)—Continued										
1965	56.2	54.5	59.1	63.6	56.6	58.6	81.2	49.6	( <sup>3</sup> )	63
1966	56.9	55.4	59.6	63.7	56.6	56.0	81.1	48.1	(3)	63
1967	57.3	55.4	60.0	64.0	58.5	58.3	60.2	46.5	( <sup>3</sup> )	62
1968	57.5	55.0	60.0	64.1	56.2	58.2	59.9	47.9	(3)	82
1969	56.0	55.3	60.2	63.9	56.6	56.6	59.7	47.6	(3)	62
1970	57.4	54.5	81.1	83.6	56.2	56.6	59.3	47.4	(3)	63
1971	56.6	54.5	81.1	63.4	55.6	56.2	56.4	47.1	(3)	82
1972	57.0	54.9	80.6	62.9	55.6	55.5	58.7	45.9	(3)	62
1973	57.6	56.4	61.2	63.2	55.7	55.4	60.9	45.9	46.4	82
1974	57.8	57.3	61.3	62.2	55.5	54.2	60.6	46.2	48.4	63
1075	E0 1	56.9	60.1	81.2	54.4	52.5	60.3	46.0	46.6	64
1975 1976	56.1 56.6	56.7	59.7	81.1	54.3	52.0	59.6	46.1	48.5	64
1977	57.9	56.6	59.2	81.2	54.3	51.6	59.3	46.3	46.5	64
1976	57.9 59.3	57.4	58.2	81.3	54.1	51.5	59.4	45.9	48.3	64
1979	59.3 59.9	57.4 58.6	57.9	81.4	53.6	51.7	59.7	48.0	46.4	65
	50.0	F0.0		04.0	E0 4	51.6	58.6	46 1	46.8	65
1980 1981	59.2 59.0	59.2 59.6	58.4 58.4	81.3 81.2	53.1 4 52.4	51.6	58.6 4 56.0	46.1 45.9	46.6 48.8	4 65
1962	59.0 57.8	56.9	57.3	81.2	4 52.0	4 50.3	(3)	45.2	4 45.6	4 65
employment, approximating U.S. concepts (in thousands)										
1959	3,740	350	(3)	980	330	510	850	880	(3)	(
1960	3,652	420	(3)	750	300	280	500	670	(5)	(
1961	4,714	439	(3)	660	270	160	450	590	(3)	
1962	3,911	368	(3)	590	250	150	650	510	(3)	
	4,070	351	( <sup>3</sup> )	590	240	120	800	420	(3)	
1963 1964	3,786	306	63	540	260	100	590	480	(3)	
1965	3,366	263	81	570	260	70	510	600	(3)	
1966	2,875	251	78	850	350	70	540	640	(3)	! !
		296	94	630	370	340	800	590	(3)	
1967	2,975	1		590	490	290	790	610	(3)	
1968 1969	2,817 2,832	358 362	94 96	570	460	170	740	600	(3)	
1303	Little	302		370	100	'''				
1970	4,093	476	91	590	510	140	760	560	(3)	
1971	5,016	535	107	640	570	160	940	560	(3)	10
1972	4,882	553	150	730	590	190	1,040	650	(3)	10
1973	4,365	515	136	680	570	190	790	630	150	!
1974	5,158	514	162	730	630	420	770	550	160	1
1975	7,929	690	302	1,000	910	690	1,150	610	250	
1976	7,406	727	296	1,060	1,000	690	1,510	700	260	
1977	6,991	850	356	1,100	1,090	900	1,810	740	250	
1978	6,202	911	402	1,240	1,200	670	1,590	760	260	
1979	6,137	638	405	1,170	1,360	780	1,430	810	270	'
1000	7 607	007	400	1 140	1,460	770	1,610	830	320	
1980	7,637	867	406	1,140		4 1.080	4 2,780	920	490	10
1981 1982	8,273 10,676	898 1,305	390 491	1,230 1,360	4 1,730 4 1,960	4 1,580	43,140	1,020	4 680	1:
villan unemployment rate, ap- proximating U.S. concepts <sup>6</sup> (percent)	10,010		701	1,300	,,,000		2,113	.,.23		
" '	5.5	5.6	7 2.1	2.3	1.7	2.0	2.6	4.2	(3)	1
1959	5.5 5.5	1	7 1.8	1.7	1.6	1.1	2.0	3.2	(3)	
1960		8.5	1 .	1	1.4	.8	1.9	2.8	(3)	1
1961	6.7	6.7	13.0	1.5	1.4	.6	2.7	2.5	(3)	
1962	5.5	5.5		1.3	ł	.5	3.3	2.5	(3)	
1963 1964	5.7 5.2	5.2 4.4	<sup>7</sup> 2.3	1.3 1.2	1.2 1.3	.5	2.4	2.4	(3)	,
1965		3.6	:	1.2	1.4	.3	2.1	3.0	(3)	
1966		3.4	1.8	1.4	1.7	.3	2.2	3.3	(3)	
1967	and the second second	3.8		1.3	1.8	1.3	3.2	3.0	(3)	
1968	3.6	4.5	1.6	1.2	2.4	1.1	3.2	3.1	(3)	1
1969	3.5	1 4.4	: 18	1.1	2.2	.6	3.0	3.1	(3)	1 1



Table 135. Labor force, employment, and unemployment, selected countries, 1959-82—Continued

Item and year	United States	Canada <sup>1</sup>	Australia	Japan	France	Gormany F.R. <sup>2</sup>	Great Britain	italy	Nether- lands	Sweden
Civilian unemployment rate, approximat-										
ing U.S. concepts 6 (percent)—Contin-		İ	1 1	ļ		1	l			
ued		ļ	1			1 1				1
				12	2.4	.5	3.1	2.8	(3)	1.5
1970	4.9	5.7	1.6	1.2		.6	3.9	2.9	(3)	2.6
1971	5.9	6.2	1.9	1.3	2.7			_	(3)	2.7
1972	5.6	6.2	2.6	1.4	2.8	.7	4.2	3.4		2.5
1973		5.5	2.3	1.3	2.7	.7	3.2	3.2	3.2	1
1974	5.6	5.3	2.7	1.4	2.9	1.6	3.1	2.8	3.8	2.0
1975	8.5	6.9	4.9	1.9	4.2	3.4	4.6	3.0	5.2	1.6
	7.7	7.1	4.8	2.0	4.6	3.4	6.0	3.4	5.3	1.6
1976		8.1	5.6	2.0	4.9	3.5	6.3	3.6	5.0	1.8
1977	1	1	6.3	2.3	5.4	3.4	6.2	3.7	5.2	2.2
1978		8.4	1	1	6.1	3.0	5.6	3.9	5.3	2.
1979	5.6	7.5	6.2	2.1	0.1	3.0	3.0	0.0	0.5	
1980	7.1	7.5	6.1	2.0	6.5	2 3	7.0	3.9	6.2	2.0
		7.6	5.6	2.2	47.6	44.1	10.6	4.3	8.9	j 2.9
1981	1	11.0	7.1	2.4	4 6.6	4 5.8	4 12.3	4.6	4 12.2	3.
1982	9.7	11.0	/.'	2.7	0.0	1				ļ
Unemployment rate, as published 6.8. (percent)					1					
••	5.5	6.0	7 2.1	2.2	1.3	2.6	2.0	7.0	1.5	• 1.
1959	1		7 1.6	1.7	1.3		1.5	5.6	.9	• 1.
1960		7.0	1	l	1.1	.8	1.4	5.1	.6	1.5
1961	. 6.7	7.2	1	1.4	1	1 _	1.9	4.5	.6	1.
1962		5.9		1.3	1.2	1	1 1	3.9	.7	1.
1963	. 5.7	5.5	7 2.3	1.3	1.4		2.3		ł .	1.0
1964		4.7	1.4	1.1	1.1	.8	1.6	4.3	.6	1.
1965	4.5	3.9	1.3	1.2	1.4	.7	1.4	5.4	7	1.
	1	1		1.3	1.4	. 7	1.4	5.9	1.0	1.
1966	1		1	1.3	1.8	2.1	2.2	5.4	2.0	2.
1967	1	1		1.2	2.1	1	2.4	5.7	1.6	2.
1968				1.1	2.3		2.4	5.7	1.3	1.
1969	. 3.5	4.4	1.6	1.1	2.0					
1970	4.9	5.7	1.6	1.1	2.4	.7	2.5	5.4		
· - · ·	"1 2" 2	1	i i	1.2	2.7	8.	3.2	5.4	1.6	2.
1971	``l	1		1.4	2.8	F .	3.6	6.4	2.8	2.
1972				1.3	2.7	. 1	2.5	6.4	2.8	2.
1973			1	1		1 11	2.5	5.4		
1974	5.6	5.3	2.7	1.4	2.8	2.0	2.5	3.4	0.0	
1975	8.5	6.9	4.9	1.9	4.2		3.9	5.9		
1976		7.1	4.8	2.0	4.5		5.4	6.7	t .	
1977	"	1	i	2.0	4.8	4.5	5.7	7.2	1 - 4	
	··· 1	_		2.2	5.3	4.3	5.8	7.2		
1978	``1	1	1 _		6.0	1	5.2	7.7	5.1	2
1979	5.6	'  '	0.2							
1980	7.1	7.5	6.1	2.0	6.4			7.6		-
1981			5.8	2.2	7.5	5 5.5		8.4		
1982	``l			1	6.6	3 7.5	12.4	9.1	12.4	3
1002		1	·   · · · ·	1	1	1	1	1	i	ł

<sup>1</sup> For 1959-65, BLS estimates based on new Canadian survey definitions.

for 1959 and 1960 are estimates made by the Organization for Economic Cooperation and Development.

Note: Data for the United States relate to the population 16 years of age and over. Published data for France, Germany, and Italy relate to the population 14 years of age and over; for Sweden, to the population aged 16 to 74; and for Canada, Australia, Japar., Great Britain, and the Netherlands, to the population 15 years of age and over. Beginning in 1973, published data for Great Britain relate to the population 16 years of age and over. The adjusted statistics have been adapted, insofar as possible, to the age at which compulsory schooling ends in each country. Therefore, adjusted statistics for France relate to the population 16 years of age and over, for Germany, to the population 15 years of age and over, and for the Netherlands, to the population 14 years of age and over for 1973–1974, and to the population 15 years of age and over from 1975 onward. The age limits of adjusted statistics for Canada, Australia, Japan, Great Britain, and Italy coincide with the age limits of the published statistics. Statistics for Sweden remain at the lower age limit of 16, but have been adjusted to include persons 75 years of age and over.

SOURCE: Bureau of Labor Statistics. Based on data from national and international statistical publications.



<sup>&</sup>lt;sup>2</sup> Including West Berlin.

<sup>1</sup> Not available.

<sup>4</sup> Preliminary estimates based on incomplete data.

<sup>&</sup>lt;sup>5</sup> The institutionalized population is included in Japan and Germany.

<sup>&</sup>lt;sup>6</sup> For the United States and Australia, published and adjusted data are identical. For Canada, published and adjusted data are identical from 1966 onward

<sup>&</sup>lt;sup>7</sup> The Australian labor force survey was initiated in 1964. Unemployment rates for 1959-63 are estimates made by an Australian researcher.

<sup>\*</sup> For the United States, Canada, Australia, and France, unemployment as a percent of the civilian labor force; for Japan, Italy, and Sweden, unemployment as a percent of the civilian labor force plus career military personnel: for Germany, Great Britain, and the Netherlands, registered unemployed (excluding adult students in Great Britain) as a percent of employed wage and salary workers plus the unemployed. With the exception of France, which does not publish an unemployment rate, these are the usually published unemployment rates for each country.

<sup>&</sup>quot;The Swedish labor force survey was initiated 1961. The published data

Table 136. Labor force participation rates by sex, selected countries, 1960-82

Sex and year	United States	Canada	Australia	Japan	France	Ger- many F.R. <sup>1</sup>	Great Britain	italy	Nether- lands	Sweden
BOTH SEXES										
1960	59.4	<sup>2</sup> 56.2	(a)	67.9	4 59.7	60.0	62.4	55.8	(3)	66.7
1961	59.3	<sup>2</sup> 56.2	(3)	67.8	( <sup>3</sup> )	59 9	62.5	55.5	(1)	66.8
1962	58.8	² 56.0	(3)	66.9	4 59.4	59.6	62.5	54.5	(3)	66.4
1963	58.7	<sup>2</sup> 55.9	(3)	65.7	58.4	59.4	62.8	53.0	(1)	65.3
1964		<sup>2</sup> 56.2	59.4	64.8	<b>4</b> 58.3	59.0	62.5	52.3	(3)	64.5
1965	. 58.9	<sup>2</sup> 56.5	59.9	64.5	57.7	58.7	62.5	51.2	( <sup>3</sup> )	64.1
1966	59.2	57.3	60.6	64.6	457.8	58.2	62.5	49.7		64.2
1967	59.6	57.6	61.2	64.8	57.0	57.0	62.2	49.9	(3)	
1968	596	57.6	61.2	64.9	56.6	56.9	61.8		(3)	63.3
1969	60.1	57.9	61.4	64.6	56.3	57.0	61.6	49.5 49.1	(3) (3)	63.8 63.8
1970	60.4	57.8	62.1	64.5	56.4	56.9	61.2	48.8	( <sup>3</sup> )	64.0
1971	. 60.2	58.1	62.2	64.2	56.1	56.6	61.0	48.5	(3)	64.2
1972	60.4	58.6	62.3	63.8	56.3	55.9	61.3	47.5	( ) (a)	64.2
1973	. 60.8	59.7	62.6	64.0	56.2	55.8	62.9	47.4	51.3	64.1
1974	. 61.2	60.5	63.0	63.0	56.3	55.1	62.7	47.5	( <sup>3</sup> )	64.9
1975	61.2	61.1	63.2	62.4	57.0	54.4	63.2	47.5	51.3	65.9
1976	61.6	61.1	62.7	62.4	57.0	53.8	63.3	47.8		
1977	. 62.3	61.5	62.7	62.5	57.3	53.4	63.3	48.0	( <sup>3</sup> )	66.0
1978	63.2	62.6	62.0	62.8	56.7	53.3	63.4	47.7	50.9	65.9
1979	63.7	<b>63</b> .3	61.7	82.7	57.2	53.3	63.2	47.8	( <sup>3</sup> ) 50.9	66.1 66.6
1980	63.8	64.0 <sub>1</sub>	62.2	62.6	56.0	53.2	63.0	48.0	(3)	00.0
1981	63.9	64.7	62.0	62.6	55.8	53.3	5 62.6		(3)	66.9
1982	64.0	64.0	61.8	62.7	(³)	* 53.4	(a)	48.0 47.4	52.4 (³)	⁵ 66.9 ⁵ 67.1
Men		ļ								
1960		² 82.8	(a)	84.2	481.4	82.7	88.1	82.0	(3)	(3)
	82.9	<sup>2</sup> 81.8	(a)	84.3	(a)	82.7	87.6	81.5	(a)	87.1
1962	82.0	<sup>2</sup> 81.1	( <sup>3</sup> )	83.6	4 80.9	82.2	86.9	80.4	(3)	85.4
1963	81.4	² 80.5 ∤	(a)	82.5	80.6	81.8	86.9	79.1	(a)	83.7
1964	; 1	<sup>2</sup> 80.1	85.3	81.5	4 79.6	81.4	86.0	78.5	(a)	83.0
1965	80.7	¥ 79.9	85.1	81.1	78.8	80.8	85.5	77.3	( <sup>3</sup> )	82.2
1966	80.4	79.8	85.4	81.1	4 78.5	80.5	85.0	75.7	(a)	81.6
1967	80.4	79.3	84.9	81.0	77.1	79.3	84.9	75.9	(3)	80.4
1968	80.1	78.6 j	84.5	81.7	75.6	79.0	83.9	74.9	(a)	80.1
1960	79.8	78.3	84.2	81.5	74.9	79.0	83.2	74.2	(a)	79.1
1970	79 7	77.8	84 1	81.5	74.9	78.7	82.2	73.5	/3\	70 5
1971		77.3	83.8	81.9	74.4	77.8			(3)	78.5
1972		77.5	83.6	81.9	74.1	76.1	81.6	73.2	(3)	78.0
1973		78.2	83.2	81.9	73.3		81.3	71.8	( <sup>3</sup> )	77.3
1974		78.7	82.7	81.6	73.0	75.3 74.1	82.8 81.2	71.0 70.8	75.5   (³)	76.8 76.7
1975	77.9 ;	78.4	82.2	81.2	73.2	73.1	01.4	70.4		
1976	77.5	77.6	81 5	81.0	72.6	72.1	81.4 81.3	70.4	74.7	77.0
1977	77.7	77.6	81.0	80.4	71.6	71.6	I .	70.2	(3)	76.5
1978		77.9	79.8	80.1	71.6	i i	80.7	69.2	73.4	75.6
979		78.4	79.5	79.9	71.4   71.6 :	71.3 71.1	80.2 79.5	68.6 68.2	( <sup>3</sup> )   71.8 {	75.1 75.1
980	77.4	79.3	79.2	79.6	70.6	70.4	70.0		1	
981		78.3 78.3	79.2 78.9	1	70.6	70.4	79.2	67.8	(3)	74.9
982	76.6	76.9 ·		79.8	69.9	70.2	5 78.6	67.6	71.8	§ 73.9
	70.0	70.9	78.4	79.3	(3)	<sup>5</sup> 70.0 !	(3)	66.6 i	(3)	§ 73.7



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Table 136. Labor force participation rates by sex, selected countries, 1960-82—Continued

Sex and year	United States	Canada	Australia	Japan	France	Ger- many F.R. <sup>1</sup>	Great Britain	Italy	Nether- lands	Sweder
Women										
960	37.7	³ 30.1	(°)	52.7	441.6	41.2	39.9	32.2	( <sup>3</sup> )	(1
981	1	*31.0	(2)	52.4	(3)	41.0	40.4	32.3	(3)	46.
962		*31.3	(3)	51.3	441.3	40.7	40.7	31.4	(3)	47.
963		<sup>2</sup> 31.9	(a)	50.0	39.5	40.7	41.0	29.6	(3)	47.
964		* 32.9	33.8	49.3	440.1	40.3	41.4	28.6	(3)	46.
965	39.3	2 33.8	34.8	48.8	39.3	40.0	41.9	27.6	(a)	46.
966		35.4	36.3	49.2	440.0	39.4	42.3	26.3	( <sup>3</sup> )	47.
967		36.5	37.8	49.6	39.5	38.4	42.2	26.4	(3)	46.
968		37.1	38.3	49.2	39.8	38.5	42.1	26.3	(3)	48.
969		38.0	39.0	48.8	39.9	38.5	42.2	26.4	(3)	48.
970	43.3	38.3	40.4	49.3	40.1	38.4	42.4	26.2	( <sup>3</sup> )	50.
971	1	39.4	41.0	47.7	39.8	38.5	42.5	26.1	(°)	50.
972	1	40.2	41.2	46.8	40.5	38.6	43.3	25.4	(3)	51.
973		41.9	42.4	47.3	41.0	38.9	45.0	25.9	27.4	51.
974		43.0	43.5	45.7	41.6	38.8	46.2	26.3	(3)	53
975	46.3	44.4	44.5	44.8	42.5	38.4	46.7	26.6	28.0	55
976		45.2	44.3	44.8	42.9	38.2	47.1	27.5	( <sup>3</sup> )	55
977		46.0	44.8	45.7	44.2	37.8	47.5	28.6	28.8	56
978		47.8	44.5	46.4	43.3	37.8	48.1	28.6	(3)	57.
979		48.9	44.3	46.6	44.3	37.9	48.4	29.2	30.2	58
980	51.5	50.3	45.5	46.6	42.7	38.2	48.3	29.9	(3)	59.
981	1	51.6	45.5	46.7	43.1	38.6	* 48.1	30.1	33.3	5 60.
1982		51.6	45.4	47.0	(2)	* 38.9	(3)	29.9	(3)	5 60

<sup>1</sup> Including West Berlin.

NOTE: Data relate to the civilian labor force approximating U.S. concepts as a percent of the civilian noninstitutionalized working age population.

Working age is defined as 16-year-olds and over in the United States, France, and Sweden; 15-year-olds and over in Australia, Canada, Germany, and Japan; and 14-year-olds and over in Italy. For Great Britain, the lower age limit was raised from 15 to 16 in 1973. For the Netherlands, the lower age limit was raised from 14 to 15 in 1975. The institutionalized working age regulation is included in Japan and Germany.

Source: Bureau of Labor Statistics. Based on data from national and international statistical publications.



<sup>&</sup>lt;sup>2</sup> BLS estimates based on new survey definitions. Statistics Canada revised the data for 1966 onward on the new survey basis.

<sup>3</sup> Not available.

<sup>&</sup>lt;sup>4</sup> Data for October of 1960, 1962, 1964, and 1966. Data for all other years are for March.

<sup>&</sup>lt;sup>5</sup> Preliminary estimate.

Table 137. Employment by economic sector, selected countries, 1960-82

Item and year	United States	Canada	Australia	Japan	France	Ger- many F.R.1	Great Britain <sup>2</sup>	Italy	Nether- lands 3	Sweder
EMPLOYMENT (in thousands)										
Total civilian employment	İ	ļ					1			i
			ŀ			1			İ	1
1960	65,776	5,965	(4)	43,370	18,595	25,954	23,660	20,064	4,092	3,513
1965	71,088	6,862	4,614	46,200	19,540	26,418	24,782	19,210	4,414	3,673
4070	1		Ī				1	•	]	
1970	78.678	7,919	5,388	50,140	20,343	26,169	24,381	19,083	4,601	3,836
1971		8,104	5,518	50,470	20,436	26,317	24,031	19,016	4,622	3,842
1972	82,153	6,344	5,602	50,580	20,552	26,214	24,020	18,730	4,597	3,845
1973 5	65,064	8,761	5,765	51,900	20,614	26,411	24,611	16,914	4,594	3,861
1974	86,794	9,125	5,891	51,710	20,959	26,036	24,714	19,346	4,596	3,944
1075								·	.,	
1975	65,846	9,284	5,867	51,530	20,714	25,285	24,647	19,476	4,564	4,044
1976	88,752	9,479	5,946	52,020	20,856	25,059	24,452	19,605	4,563	4,070
1977	92,017	9,646	6,000	52,720	21,036	25,014	24,499	19,794	4,573	4.081
1978	96,046	9,972	5,997	53,360	21,113	25,169	24,825	19.867	4,609	4,097
1979	98,824	10,369	6,075	54,040	21,118	25,507	24,775	20.097	4,667	4,162
1000			<u> </u>							.,
1980	<b>99</b> ,303	10,655	6,250	54,600	21,127	25,745	24,364	20,378	4,689	4,214
1981	100,397	10,933	6,380	55,060	20,976	25,548	23,048	20,456	4,628	4,207
1982	99,526	10,574	6,365	55,620	(4)	25,066	(4)	20,397	(4)	4,201
griculture <sup>6</sup>					j		İ			
1960	E 570	705	40	40.000				_		
1965	5,572 4,477	795	(4)	12,600	4,305	3,623	980	6,514	465	544
1900	,	694	446	10,500	3,576	2,676	954	5,031	386	421
1970	3,567	604	400	0.400	0.004		}			
1971	3,510	604	432	8,490	2,821	2,262	782	3,839	329	314
1972		607	424	7,840	2,668	2,134	736	3,817	319	300
1973 *	3,598	575	440	7,310	2,514	2,018	710	3,550	315	287
1974		573	422	6,810	2,364	1,924	713	3,438	309	276
	3,013	579	408	6,540	2,221	1,842	681	3,373	304	264
1975	3,505	564	405	8 200	0.404	4 770	000	0.044	1	
1976	3,453	561	1	6,380	2,104	1,773	669	3,244	299	261
1977	3,426	553	390 398	6,210	2,037	1,682	670	3,217	295	254
1978	3.550	573	1	6,110	1,977	1,589	669	3,119	289	248
1979	3,506	588	379	6,100	1,927	1,536	666	3,053	285	250
	3,500	300	398	5,860	1,887	1,479	654	2,985	280	242
1980	3,529	561	406	5,510	1,841	1,436	057	2 006	070	007
1961	3,519	596	416	5,330	1,800		657	2,896	279	237
1982	3,571	559	(4)	5,330	(4)	1,402 1,371	647	2,731	274	237
	5,51	000	•	3,230	(3)	1,371	(*)	2,525	(*)	236
dustry 7		ŀ	1	1	1	1	1		ł	
1960	21,995	1,906	(4)	12,380	6,976	11,912	11,184	6,855	1,617	1,420
1965	24,311	2,233	1,653	15,010	7,637	12,501	11,117	7,174	1,769	1,553
					1			.,	1,, 00	.,555
1970	26,080	2,360	1,886	17,880	7,917	12,465	10,531	7,586	1,750	1,456
1971	25,182	2,383	1,916	18,140	7,948	12,520	10,171	7,613	1,730	1,424
1972	25,627	2,439	1,898	18,290	7,978	12,293	9,962	7,472	1,657	1,396
1973 8	27,258	2,586	1,945	19,210	8,097	12,323	10,142	7,466	1,635	1,401
1974	27,214	2,688	1,963	19,020	8,123	11,932	10,112	7.634	1,606	1,434
1075		_		1		1	1			
1975	25,302	2,613	1,870	16,370	7,853	11,234	9,672	7,663	1,549	1,449
1976	26,310	2,701	1,866	18,520	7,775	11,042	9,394	7,561	1,507	1,416
1977	27,343	2,673	1,845	18,510	7,739	10,944	9,377	7,662	1,479	1,375
1978	28,809	2,746	1,767	18,550	7,611	10,958	9,372	7,626	1,466	1,328
1979	29,795	2,877	1,779	18,740	7,489	11,086	9,344	7,641	1,470	1,326
1980	00.404	0010		40		[			į	
1981		2,916	1,809	19,180	7,412	11,145	8,948	7,767	1,449	1,327
1982		2,967	1,826	19,300	7,208	10,885	8,028	7,722	1,377	1,286
Telegraphic Control of the Control o	27,070	2,683	(4)	19,210	(4)	* 10,480	(¹) i	7,594	(4)	1,237

See footnotes at end of table.



Table 137. Employment by economic sector, selected countries, 1960-82—Continued

Item and year ,	United States	Canada	Australia	Japan i	France	Ger- : many : F.R.	Great Britain 2 !	Italy	Nether- lands 3	Swede
PLOYMENT (in thousands)—Continued				i -	İ	:	. !			
			:	!		•				
anufacturing			i						4 400	
1960	17,149	1,471	(*)	9,430	5.250	8.907		4,813		1,12
1965	!	1,636	1,207	11.450	5,532	9,483	8.666	4,894 ,	1.270	1,20
1,500	1	,	i i	1	!					<u> </u>
1970	20.746	1.768	1,340	13,750	5,661	9.779	8,465	5.293	1,241	1,0
		1,766	1,358	13.820	5,726	9,712	8.181	5.329	1,231	1.0
1971			1 1	13,810	5,778	9,550	7,908	5,223	1,181	1,0
1972		1,823	1,344	•	5,892	9,541	7,954	5.270	1,162	1.0
1973 5	21,054	1,927	1,374	14,420			7,995	5,438	1,159	1,1
1974	. 21,026	1,978	1,380	14,250	5,942	9,410	7,885	5,436	1,150	
	1	-	l i		1			F 447		١.,
1975	. 19,457	1,871	1,275	13,430	5,780	8,890	7,816	5,447	1,118	1.1
1976		1,921	1.289	13,440	5,721	8,807	7.373	5,435	1.072	1,1
1977		1.888	1,281	13,350	5.697	8,770	7,420	5,473	1,043	1,0
1978	21,784	1,956	1,199	13,220	5,612	8,751	7,382	5,420	1,018	), i
1970		2.070	1,215	13,290	5.515	8,810	7,297	5,409	1,008	1,0
1979	. 22,450	2.070	1,213	15,200	0.0.0	0,0.0	''		i .	1
			4 040	40.600	5,445	8.848	6.929	5.485	997	1.0
1980		2,105	1,242	13.630			* 6,160	5.384	966	
1981		2,120	1,251	13,800	5,268	8,600			(*)	
1982	. 20,286	1,926	(4)	13,740	(4)	(*)	(*)	5,277	()	! '
	}		1		1		!!!		1	
vices °	!		] !		i		!!!			l .
1960	38.212	3,264	(4)	18,190	7.314	10,419	11,496	6.696	2,010	1,5
1965	42,301	3,934	2,514	20,690	8,327	11,041	12,711	7,005	2,255	1,0
1805	72,001	0,004				•			l	1
	40.004	4.055	3,070	23,770	9,605	11,442	13,071	7,656	2,522	2,0
1970		4,955			9,822	11,663	13,124	7,584	2,573	2.
1971		5,114	3,178	24,510			13,348	7,709	2,625	2.
1972	. 52,728	5,330	3,265	24,980	10,060	11,903	1 .		2,650	2.
1973 *	54,234	5,602	3,399	25,880	10,353	12,164	13,755	8,009		
1974		5,858	3,520	26,140	10,615	12,264	13,921	8,339	2,686	2,
, • , • , • , • , • , • , • , • , • , •		1	1		l					
1975	57.039	6,107	3,592	26,770	10,757	12,278	14,306	8,568	2,716	2.
1976	58,989	6,217	3,690	27,290	11,044	12,335	14,388	8,828	2,761	2,
		6,422	3,757	28,100	11,320	12,481	14,453	9,012	2,803	2,
1977		1 '	3,851	28,720	11,575	12.675	14,587	9,187	2,858	2,
1978		6,653			11.742	12,942	14,778	9,471	2.917	2,
1979	65,521	6,903	3,898	29,440	11.742	12,042	14,770	<b>0,</b>		
	1	1	]	1		40.404	14 780	9,715	2,961	2.
1980	66,640	7,157		29,910	11,874	13,164	14,760		2,977	2
1981	67.883	7,370	4,137	30,430	11,968	13,261	• 14,373	10,003		
1982		7,331	(*)	31,160	(*)	* 13,215	(*)	10,277	(*)	2,
1802	1	1						•		1
DISTRIBUTION (percent)				;	Į.	1	ı		1	1
riculture <sup>6</sup>	1	ļ	į.	}	1		1		1	1
ricuiture -	!			00.5	20.0	140	4.1	32.5	11.4	.
1960	8.5		1	29.5	23.2	14.0	1	26.2	8.8	
1965	6.3	10.1	9.7	22.7	18.3	10.9	3.8	20.2	0.0	1
	1	1	į	1	i	1	!		7.0	1
1970	4.5	7.6	6.0	16.9	13.9	8.6		20.1	7.2	
1971		1		15.5	13.1	8.1	3.1	20.1	6.9	•
1972		6.9		14.4		7.7	3.0	19.0	6.6	1
			1	13.1	11.4	7.3	2.9	18.2	6.7	1
1973 *		T .	1 2 2	12.6	10.6	7.1	I	17.4	6.6	İ
1974	4.2	0.3	0.0	0.31	1 .0.5	1	1	1	1	1
				404	10.0	70	2.7	18.7	6.6	1
1975		:	i	12.4	· _		1 71	16.4	6.5	1
1978				11.9		6.7	1	1	6.3	)
1977	! 37	5.7		11.6		6.4		15.8	1	1
1978	i 37	5.7	63	11.4	9.1	6.1	i	15.4		1
1979	3.5			10.6	8.9	5.8	2.6	14.9	6.0	
1919	1	1	1	;	1	ł	Ī	1		ļ
4000	36	5.4	6.5	10.1	8.7	5.6	į <b>2</b> .7	14.2		
1980			1 212		1 1 1	5.5		13.4		1
1981	3.5	·   5.5	6.5	J. /	· 0.0			:		

See footnotes at end of table.



Table 137. Employment by economic sector, selected countries, 1960-82—Continued

Item and year	United States	Canada	Australia	Japan	France	Ger- many F.R. <sup>1</sup>	Great Britain <sup>2</sup>	Italy	Nether-	: Sweder
DISTRIBUTION (percent)—Continued	:		:						!	!
Industry ?	<u>}</u>	i	: 1				į		į	i
1960	33.4	32.0	/45	00.5	07.5	45.0	47.0			
1965	34.2	32.5	( <sup>4</sup> ) 35.8	26.5 32.5	37.5	45.9	47.3	34.2	39.5	40.4
	1 04.2	32.3	35.6	32 3	39.1	47.3	44.9	37.4	40.1	42.3
1970	33.1	29.6	35.0	35.7	38.9	47.6	43.2	39.6	38.0	38.0
1971	31.7	29.4	34.7	35.9	38.9	47.8	42.3	40.0	37.4	37.1
1972	31.4	29.2	33.9	38.2	38.8	48.9	41.5	39.9	38.0	38.3
1973 8	32.0	29.5	33.7	37.0	36.9	48.7	41.2	39.5	35.8	38.3
1974	31.4	29.5	33.3	36.8	36.6	45.8	40.9	39.5	34.9	38.4
1975	20.5	00.4								
1976	29.5 29.6	28.1	31.9	35.6	37.9	44.4	39.2	39.4	33 9	35.6
1977	29.7	26.5 27.7	31.4 30.8	35.6 35.1	37.3	44.1	36.4	36.6	33.0	34.6
1978	30.0	27.5	29.5	34.8	36.8 38.0	43.6 43.5	38.3   38.1	36.7	32.3	33.7
1979	30.1	27.7	29.3	34.7	35.5	43.5	37.7	38.4 38.0	31.6	32.4 31.9
				54.7	55.5	70.0	37.7	30.0	31.5	31.8
1980	29.3	27.4	26.9	35.1	35.1	43.3	38.7	36.1	30.9	31.5
1981	28.9	27.1	28.6	35.0	34.4	42.6	6 34.8	37.7	29.6	30.8
1982	27.2	25.4	(4) j	34.5	(4)	* 41.6	(4)	37.2	(4)	29.4
Manufacturing		İ	1		Ì	i				
1960	26.1	24.7	(4)	21.7	20.0	04.0	07.5			
1965	27.0	23.8	( <sup>4</sup> ) 28.2	24.6	28.2 28.3	34.3 35.9	37.5	24.0	29.2	31.9
	27.0	20.0	20.2	24.0	20.3	35.8	35.0	25.5	28.8	32.8
1970	28.4	22.3	24.9	27.4	27.8	37.4	34.7	27.7	27.0	27.7
1971	24.7	21.8	24.6	27.4	28.0	36.9	34.0	28.0	28.8	27.4
1972	24.3	21.8	24.0	27.3	28.1	36.4	32.9	27.9	25.7	27.2
1973 5	24.8	22.0	23.6	27.8	28.3	38.1	32.3	27.9	25.3	27.6
1974	24.2	21.7	23.4	27.6	28.4	36.1	32.4	28.1	25.2	28.4
1975	22.7	20.2	21,7	20.4	07.0	05.0	000			
1976	22.8	20.2	21.7	26.1   25.8	27.9 27.4	35.2	30.9	28.0	24.5	28.1
1977	22.7	19.6	21.4	25.3	27.4	35.2   35.1	30.2 30.3	27.7 27.6	23.5 22.8	27.0 26.0
1978	22.7	19.6	20.0	24.8	26.8	34.8	30.0	27.3	22.0	25.0 25.0
1979	22.7	20.0	20.0	24.6	26.1	34.5	29.4	28.9	21.6	24.6
1980						1		ļ		
1981	22.1	19.8	19.9	25.0	25.6	34.4	28.4	26.9	21.3	24.3
1982	21.7   20.4	19.4	19.6	25.1	25.1	33.7	8 28.7	28.3	20.9	23.4
	20.4	18.2	(*)	24.7	(1)	(1)	(*)	25.9	(4)	22.5
Services <sup>9</sup>		}	Ì	į	1	1			l	
1960	58.1	54.7	(4)	41.9	39.3	40.1	48.8	33.4	49.1	44.1
1965	59.5	57.3	54.5	44.8	42.6	41.8	51.3	36.5	51.1	48.3
1070									- 1	
1970	62.3	62.6	57.0	47.4	47.2	43.7	53.8	40.1	54.8	. 53.9
1971 1972 1972	63.6	83.1	57.6	48.6	48.1	44.3	54.6	39.9	55.7	55.1
1973 *	64.2   63.8	63.9 63.9	58.3	49.4	48 9	45.4	55.6	41.2	57.1	56.2
1974	64.5	64.2	59.0 59.8	49.9 50.6	49.7 50.8	46.1	55.9	42.3	57.7	56.6
	54.0	٠٠.٠	38.0	50.0	30.6	47.1	56.3	43.1	58.4	56.9
1975	66.4	85.8	81.2	52.0	51.9	46.6	58.0	44.0	59.5	57.7
1976	66.5	85.8	62.0	52.5	53.0	49 2	58.8	45.0	60.5	59.0
1977	66 8	66.6	82.6	53.3	53.6	49.9	59.0	45.5	61.3	60.2
1978 1979	66.3	66.7	64.2	53.6	54.6	50.4	59.2	48.2	82.0	81.5
i i i i i i i i i i i i i i i i i i i	66.3	66.6	64.2	54.5	55.6	50.7	59.8	47.1	82.5	62.3
1980	87.1	67.2	64.5	54.6	56.2	51.1	en e	477	92.4	<b>60</b> 0
1981	67.8	67.4	64.8	55.3	57.1	51.9	60.8 82.4	47.7   48.9	83.1 64.3	62.9 63.6
1982	69.2	69.3	(4)	56.0	(4)	• 52.7	(4)	50.4	(4)	64.9
	i	į	• • •		` '		' '		` '	J 4.0

<sup>&</sup>lt;sup>1</sup> Including West Berlin.



<sup>&</sup>lt;sup>2</sup> Including Northern Ireland.

<sup>3</sup> Measured in man-years.

<sup>&</sup>lt;sup>4</sup> Not available.

<sup>&</sup>lt;sup>5</sup> From 1973 onward, Japan includes Okinawa.

<sup>&</sup>lt;sup>6</sup> Agriculture, forestry, hunting, and fishing.

<sup>&</sup>lt;sup>7</sup> Manufacturing mining, and construction.

<sup>\*</sup> Preliminary

<sup>\*</sup> Transportation, communication, public utilities, trade, finance, public administration, private household services, and miscellaneous services.

NOTE: Data have not been fully adjusted for comparability with U.S. definitions. Also, some employment could not be distributed by economic sector. Because of rounding, subtotals may not add to totals.

SOURCE: Bureau of Labor Statistics. Based on data from national and international statistical publications

Table 138. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing, selected countries, 1950-82

[1977 -- 100]

item and year	United States	Canada	Japan	Belgium	Den- mark	France	Ger- many F.R. <sup>2</sup>	italy :	Nether- lands	Sweden	United King- dom
put per hour				1	1					00.7	44
1950	49.4	34.7	9.0	( <sup>3</sup> )	27.5	25.3	22.0	20.9	20.0	30 7	44. 44.
1951	i —	36.1	11.2	(3)	27.8	26.7	22.7	23 3	20.7	31.6	44. 43.
1952	52.0	37.0	11.8	( <sup>3</sup> )	27.6	27.5	24.8	24.3	21.2	31.5	45. 45.
1953		38.3	13.4	(3)	28.0	29.0	26.6	25.5	22.9	33.2	45. 46.
1954	53.7	40.0	14.3	(3)	29.2	29.8	27.7	26.8	23.7	; 33.2 ¦	40.
	ĺ	l 1			00.0	31.2	29.5	29.2	25.0	33.6	48.
1955		42.6	15.1	(3)	29.9		30.2	30.8	26.5	35.7	48.
1956		44.4	16.0	(3)	30.8	33.7	I	31.4	27.5	37.5	49
1957		44.7	17.5	(3)	31.9	34.2	32.9	31.4	28.1	39.2	50
1958		46.2	16.4	(a)	33.0	35.4	34.5	34.4	30.2	41.6	52
1959	59.6	48.7	19.1	(3)	35 3	37.7	37.3	34.4	30.2	1	
		50.4	22.0	32.2	36.4	39.8	40.0	36.5	317	43.0	55
1960		53.1	24 9	32.7	38.4	41.6	42.1	39.5	33.4	45.0	56
1961		1 (	26.0	35.0	40.4	43.5	44.8	43.7	34.5	48.3	57
1962		55.9		36.1	41.8	45.9	46.8	44.9	35.7	51.1	60
1963		58.0	28.1	1	45.1	48.4	50.5	47.6	38.9	55.4	64
1964	. 72.3	60.6	31.8	38.3	43.1	40.4			]		
1965	74.5	62.9	33.1	39.8	47.4	51.2	53.8	52.9	41.3	59.4	67
1966	1	65.1	36.5	42.6	49.8	54.8	55.7	56.4	44.0	61.6	69
1967		67 1	41.9	45.3	54.2	57.8	59.4	59.7	47.1	66.9	72
. –	70.0	71.7	47.1	49.2	59.0	64.4	63.4	64.5	52.8	73.1	78
1968 1969		75.9	54.5	53.5	61.4	66.7	67.1	69.4	57.7	76.6	78
1969		1				i :	:	י מיני	63.0	82.0	60
1970	. 79.1	77.0	61.4	58.8	65.3	70.1	68.2	72.7	1	86.2	83
1971		82.5	65.3	62.5	69.3	73.8	71.0	74.9	67.3 72.6	90.8	9
1972		86.2	72.7	69.6	75.1	78.2	75.7	81.1	1	97.5	9
1973		91.6	80.2	77.0	82.8	82.4	80.1	90.9	80.1	100.9	9
1974		93.6	82.1	81.5	85.5	85.3	84.5	95.3	86.7	100.9	
	i	91.2	85.3	85.1	94.4	87.9	89.0	91.1	85.1	100.5	9
1975			93.3	93.9	98.0	95.1	95.3	98.9	96.1	101.6	98
1976		96.1		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
1977		100.0	100.0	1 -	102.4	105.7	103.3	103.0	106.6	104.3	10
1978		101.7	107.9	105.0		110.7	108.3	110.5	111.9	113.0	100
1979	101.5	104.7	117.4	111.8	108.3	110.7	100.5				100
1980	101.7	102.3	125.4	115.4	109.8	1126	109.8	116.9	114.2	114.4	10
		103.1	126.3	121.8	116.0	114.4	112.8	121.0	117.2	114.5	11
1981	1	100.3	127.6	(3)	119.5	122.3	114.7	122.6	(3)	117.9	111
1982 4	103.0	100.0	127.0	''							Ì
tput	ļ				04.7	1 205	160	16.4	23.3	35.9	5
1950	! <b>38.6</b>		3.7		31.7	22.5	16.0	18.8	24.3	38.3	5
1951	; 43.0	29.9	5.2		32.0	24.6	20.7	_	24.3	1	5
1952		31.0	5.6		30.4	25.0	23.5	19.5			5
1953		33.2	6.9	(3)	31.5	25.7	26.2	21.1	26.9		5
1954	1		7.6	(3)	34.2	26.9	29.1	23.3	29.4	39.8	3
	1	1			34.8	28.5	33.9	25.4	31.9	41.6	6
1955	48.9		8.2	(3)	34.0	31.2	36.4	27.4	34 5	43.7	6
1956			10.1		35.2		38.7	29.2			. e
1957			12.0		37.4	33.0	•	29.8			} €
1958	. 45.2		11.8		39.0	34.1	40.3		,	1	i
1959		40.9	14.3	(a)	43.6	35 5	43.9	33.1	1		1
	i .	41.7	17.9	40.9	48.2	38.5	49.2	37.4	44.1		7
1960	50.7	1	21.5		50.8	41.0	52.6	41.2	45.6		1 7
1961	; 50.7		23.3		55.2		55.0	45.6			7
1962			26.0		55.9	47.2	56.4	48.6		64 4	7
1963			I .	1	62.5	!	·	49.2			8
1964	63.9	55.4	30.2	32.0	02.5	i	1	ļ		1	ŧ
1965	. 69.8	60.4	31.4	54.3	66.6		66.4	51.7	1		
1966			35.6		68.0			56.5	!		
1967			42.7		69 8	59 7	66.0	62.1			ا ا
		1	49.3	1	74.9		73.1	67.9			
	75. 81.7			· ·	79.0		81.9	72.3	76.9	90 4	
1969	ı		1			1	900	! 70.0	82 7	93.9	9
1970	77.0	75.3	65.3				86.0				
1971			69.4				86.9	78.4			- L
1972				7 86.1	90.1	1	89 7				مدا
1973				94.6	95.4						1
1974		1			96.8	92.1	95.0	96.3	98 4	108.0	j 10
		1	1	· · · · · · · · · · · · · · · · · · ·	040	90.2	90.4	86.9	91.7	1064	
1975			82.2		94 8		97.6	97.9			
1976		. i						100 0			
1970	; 100.0	. 1			100 0						
1977		1050	107.3	3 1 100 9	100.7						
1977	. 105.3	3 ¦ 105.2	107.0								
1977	100				107.2	105 9	106 1	; 108.8	i		1
1977 1978 1979	108.3	2 111.4	118.0	1047	1		'	1154	i	105.5	
1977	108.3	2 111.4 5 108.1	118.0	1047	107.2 107.2 107.8	1058	106 7	i	107.3	105 5	, ,

See footnotes at end of table



Table 138. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing, selected countries, 1950-82—Continued

item and year	United States	Canada	Japan	Belgium	Den- mark	France	Ger- many F.R. <sup>2</sup>	Italy	Nether- lands	Sweden	United King- dom
tal hours											
1950	78.2	79.3	40.0	(9)	145 4	00.0	24.0	70.0	440.	44-4	
1951	84.2	82.8	40.8 46.1	( <sup>5</sup> ) ( <sup>3</sup> )	115.1 114.8	89.0 92.3	81.9 91.2	78.6 80.5	116.7	117.1	116 119
1952	85.4	83.7	47.3	(a)	110.3	90.9	94.5	80.5	117.6 114.8	121.3 118.5	118
1953	89.8	86.7	51.5	(a)	112.6	88.7	98.5	82.9	117.4	114.8	121
1954	82.1	81.3	52.7	(3)	117.1	90.1	105.3	87.0	123.8	120.0	123
1955		ł				ı	1			1	
1956	86.6	83.6	54.4	(3)	116.2	91.3	115.1	87.1	127.8	123.7	127
1957	87.9 66.5	87.8 87.0	62.9	(3)	114.5	92.4	120.3	88.9	130.2	122.7	126
1958	79. <b>4</b>	82.6	<b>68.4</b> 71.9	(3)	117.2	96.4	117.8	93.1	130.9	122.7	126
1959	84.7	84.1	74.8	(3) (3)	118.0 123.8	96.4 94.2	116.8 117.5	93.4	128.0	119.8	123
1				ļ.	123.0	54.2	117.5	96.3	131.0	119.3	125
1960	84.4	82.6	81.5	127.2	132.4	96.9	123.1	102.3	139.0	124.4	127
1961	82.3	81.5	86.4	130.7	132.1	98.7	124.9	104.3	136.4	126.8	126
1962	85.6	84.6	69.8	131.8	136.5	100.7	122.6	104.3	138.9	127.1	124
1963	86.5	87.0	92.7	133.8	133.9	102.9	120.3	108.1	139.9	12€.0	121
1964	88.4	91.3	95.0	137.5	138.3	104.7	121.7	103.4	140.6	1 <i>2</i> 6.7	124
1965	93.6	96.0	94.7	136.4	140.5	103.2	123.4	97.8	141.5	126.4	123
1966	99.8	99.8	97.5	134.9	136.6	104.5	120.9	100.2	140.0	124.9	121
1967	99.6	99.6	101.9	128.6	128.7	103.3	111.2	104.0	136.1	119.0	116
1968	101.4	99.0	104.5	126.5	127.0	98.7	115.2	105.3	132.9	114.7	116
1969	103.1	100.5	105.3	130.0	128.7	104.0	121.9	104.2	133.2	115.0	118
1970	97.3	97.7	106.4	130.5	125.1	105.4	126.0	107.4	131.1	114.6	117
1971	93.7	96.6	106.3	127.9	119.6	106.4	122.3	107.4	127.7	110.7	111
1972	97.8	99.6	105.5	123.7	120.1	106.7	118.6	100.7	121.7	106.0	106
1973	103.2	103.6	109.0	122.8	115.2	108.3	118.8	99.6	117.7	105.7	109
1974	101.2	105.0	104.3	121.3	113.2	108.1	112.4	101.0	113.4	107.0	103
1	1		1	1	1	į.				ì	
1975	91.4	101.4	96.4	107.6	100.4	102.6	101.6	95.4	107.7	105.9	101
1976 1977	95.9	102.0	99.9	105.7	101.4	101.5	102.4	99.0	103.1	104.3	99
1978	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
1979	104.5	103.4 106.4	99.5	96.1	98.3	97.7	98.1	98.8	96.4	94.6	97
;	106.6	100.4	100.5	93.6	99.0	95.7	98.0	98.2	94.3	93.4	94
1980	101.8	105.7	103.0	89.4	97.6	94.0	97.1	98.7	94.0	92.3	84
1981	101.2	107.0	103.2	82.6	92.9	90.0	93.2	94.5	90.8	88.8	75
1982 4	93.2	96.6	102.5	(°)	92.5	84.2	89.2	91.6	(3)	86.2	71
ployment	}	}				]	1			į	
1950	78.0	72.1	27.0	(3)	05.0	70.5	00 -		20.0		404
1951	83.7	73.1 77.6	37.8	(3)	85.6	79.5	62.7	63.3	93.9	88.3	101.
1952	84.9	79.4	41.9 42.6	(a) (a)	86.5	81.9	70.3	63.8	95.2	90.5	103
1953	89.5	81.6	45.9	(3)	83.2	81.8	72.7	64.0	92.7	89.0	103
1954	83.3	78.2	47.1	(3)	85.4   88.6	80.0 80.3	75.8	65.3 67.7	94.5	87.3   90.9	104
•	00.5	70.2	77.1	(7)	66.6	80.3	80.4	67.7	99.6	90.9	106
1955	86.1	80.1	48.1	(3)	88.0	81.2	88.0	68.3	102.4	93.9	108
1956	87.8	83.4	53.9	(3)	87.4	82.7	94.0	70.6	104.8	94.5	109
1957	87.5	83.8	59.0	(3)	89.8	85.6	97.2	73 5	105.7	94.5	109
1958	81.3	79.5	62.5	(3)	90.9	86.7	98.2	74.4	103.4	93.7	107
1939	85.0	80.4	64.0	(3)	97.7	85.2	99.2	75.9	105.4	94.7	108
1960	85.6	79.6	69.0	102.5	105.6	66.5	104.4	79.4	110.3	99.7	111
1961	83.2	79.0	74.4	105.9	108.6	87.7	108.2	81.9	113.0	102.6	112
1962	85.8	81.1	79.3	108.3	111.3	89.3	109.0	84.4	115.9	103.5	111
1963	86.4	83.1	82.5	109.3	110.9	91.7	108.4	87.2	117.1	103.8	109
1964	87.7	86.9	85.2	112.5	113.6	93.9	109.2	87.4	118.9	105.4	110
1965	91.8	91.4	86.5	112.3	115.6	93.4	111.7	85.3	120.0	106.1	112
1966	97.4	95.7	88.6	112.2	114.5	94.3	111.2	84.8	119.6	104.9	111
1967	98.6	96.1	92.4	108.7	109.1	94.1	104.4	87.6	116.6	101.5	108
1968	100.3	95 4	95.1	106.9	110.1	92.8	105.8	88.8	116.3	99.9	107
1969i	102.2	97.3	97.3	110.6	113.1	95.2	111.8	91.8	118.2	101.9	109
1970	i			1	]	1		1	1	ŀ	
1971	93.2	95.0	99.5	113.5	113.5	97.6	116.0	94.8	118.6	103.8	110
1972	94.4	94.5	101.1	113.7	108.9	99.2	115.2	96.2	1 : 6.9	100.5	107
_	97.1	97.5	100.9	112.3	111.7	100.6	112.9	95.5	113.0	98.9	103
4074	102.2	101.9	104.9	114.3	113.2	103.0	113 7	97.6	111.2	100.5	104.
	101.8	103.9	105 2	115.5	109.1	104.4	110.7	100.0	110.7	102.9	106
1975	93.0	101.6	99.8	108.5	100.0	101.5	103.3	99.7	107.1	103.8	102
1976	96.5	102.0	100.2	104.1	100.5	100.5	100.8	99.9	102.8	103.6	100
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
1978	104 2	103 2	98.9	95.9	99.5	98.4	99.4	99.0	97.5	97.2	97
1979	107.0	106.9	98.8	93.3	1003	966	99 8	99.4	96.5	97.5	95.
							- 1		1		
1	103.3	106.6	101 2	01.4	ا د وه	952	100.4	00.7	05.0	074	00
1980 1981	103 <b>3</b> ,	106 6 108 6	101 3 1 102 2	91.4 86.3	98.2   93.5	953 <sup> </sup> 918 :	100 4 97 9	99 7 97.8	95.3 92.2	97.4 94.3	89 80

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Table 138. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing, selected countries, 1950-82—Continued

Item and year	United States	Canada	Japan	Belgium	Den- mark	France	Ger- many F.R. <sup>2</sup>	Italy	Nether- lands	Sweden	United King- dom
rage weekly hours	1					-				;	
1950	1003	108.5	107.9	! (a)	134.5	111.9	130.7	124.3	124 3	132.7	115
1951	100.6	106.8	110.1	(3)	132.7	112.7	129.7	126.1	123.6	134.1	115
1952	100.6	105.3	111.0	(a)	132.5	111.2	130.0	125.6	123.8	133.1	114
1953	100.3	105.9	112.3	(3)	131.9	110.9	129.9	126.8	1243	131.5	115
1954	98.6	104.0	111.9	( <sup>3</sup> )	132.2	112.2	131.0	128.4	124.3	132.0	116
1955	100.6	104.5	113.1	(a)	132.1	112.4	130.8	127.4	124.8	131.8	116
1956	100.1	105.2	116.7	(3)	131.0	111.8	128.0	126.0	124.3		115
1957	98.9	103.9	115.9	(3)	130.6	112.6	121.2 ± 119.0 ÷	126.7 125.5	123.8 123.8	129.8 127.9	115 114
1958 1959	97.7 <b>9</b> 9.7	103.9 104.6	115.0 116.9	(3)	129.9 126.7	110.6	118.4	127.0	124.3		119
1				l i		i .				: i	
1960	98.6	103.8	118.2	124.1	125.4	112.1 112.6	117.9 115.5	128.8 127.4	126.0 120.7		114
1961 1962	98.9 <b>9</b> 9.8	103.3 104.3	116.1 113.3	123.4 121.7	121.7 122.6	112.8	112.7	123.5	119.8		11
1963	100.1	104.7	112.3	122.4	120.7	112.3	111.0	124.1	119 5	121.4	11
1964	100.8	105.1	111.6	122.3	121.7	111.6	111.4	118.3	118.3	120.2	112
1005	102.0	105.1	109.5	121.4	121.6	110.5	110.4	1146	118.0	119.2	110
1965 1966	102.4	104.3	110.1	120.3	119.3	110.9	108.7	118.1	117.0	119.1	10
1967	100.9	103.6	110.1	118.3	118.0	109.8	106.5	118.7	116.7	117.2	10
1968	101.2	103.8	109.9	118.3	115.3	106.5	108 9	118.7	114.2	114.8	10
1969	1008	103.3	108.3	117.6	113.8	109.2	109.0	113.5	112.7	112.8	10
1970	99.0	102.9	106.9	115.0	110.2	108.0	108.6	113.2	110.5	110.4	10
1971	99.3	102.2	105.1	112.5	109.9	107.3	106.1	108.8	109.3	110.2	10
1972	100.8	102.2	104.6	110.2	107.5	106.1	105.0	105.5	107.7	107.2	10
1973	101.0	101.7	103.8	107.4	101.7	105.1	104.6	102.1	105.9	105.2	10
1974	99.5	101.0	99.2	105.0	103.7	103.5	101.6	100.9	102.5	104.0	10
1975	98.3	99.9	96.6	99.1	100.4	101.1	98.4	95.7	100.6	102.0	9
1976	99.4	100.0	99.7	101.6	100.9	101.0	101.6	99.1	100.3	100.7	9
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10
1978	100.2	100.3	100.6	100.3	98.8	99.3	98.6	99.8	98.9	97.4 95.8	99
1979	99.6	99.5	101.7	100.4	98.7	991	98.2	98.8	97.7		
1980	98.5	99.1	101.6	97.9	99.4	98.7	96.8	99.0	98.5	94 7	9
1981	98.5	98.6	101.0	95.7	99.4	98.1	95.2	96.6	98.4	94.2	9:
1982 4	<b>9</b> 7.0	97.9	100.8	(3)	99.6	93.6	94.6	95.8	· (3)	: 95.0	
urly compensation in national surrency 5							į		1		
1950	21.5	14.9	3.7	(3)	6.8	6.2	8.4	4.4	5 9	6 7	: 1
1951		16.8	4.7	(a)	7.5	8.0	9.6	4.9	66		
1952										7.8	
		18.5	5.4	(a)	8.2	9.2	10.3	5.2	7.0	9 2	
1953	26.5	19.4	5.7	(3)	8.4	9.5	10.8	5.2 5.6	7.0 7.2	9 2 9 7	1
	1			(3)			10.8 11.1	5.2 5.6 5.9	7.0 7.2 7.9	9 2 9 7 9 9	1
1953	26.5 27.7 28.8	19.4 20.5 21.1	5.7 6.2 6.5	(3) (3) (3)	8.4 8.8 9.3	9.5 10.1 10.8	10.8 11.1 11.9	5.2 5.6 5.9 6.3	7.0 7.2 7.9 8.6	9 2 9 7 9 9 10 6	1 1
1953	26.5 27.7 28.8 30.6	19.4 20.5 21.1 22.3	5.7 6.2 6.5 6.8	(3) (3) (3) (3)	8.4 8.8 9.3 10.0	9.5 10.1 10.8 11.8	10.8 11.1 11.9 12.9	5.2 5.6 5.9 6.3 6.8	7.0 7.2 7.9 8.6 9.6	9 2 9 7 9 9 10 6 11 4	1 1 1
1953	26.5 27.7 28.8 30.6 32.5	19.4 20.5 21.1 22.3 23.8	5.7 6.2 6.5 6.8 7.1	(3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6	9.5 10.1 10.8 11.8 12.7	10.8 11.1 11.9 12.9 14.4	5.2 5.6 5.9 6.3 6.8 7.1	7.0 7.2 7.9 8.6 9.6 10.6	9 2 9 7 9 9 10 6 11 4 12 1	1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9	19.4 20.5 21.1 22.3 23.8 25.0	5.7 6.2 6.5 6.8 7.1 7.3	(3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1	9.5 10.1 10.8 11.8 12.7 14.1	10.8 11.1 11.9 12.9 14.4 15.6	5.2 5.6 5.9 6.3 6.8 7.1 7.5	7.0 7.2 7.9 8.6 9.6 10.6	9 2 9 7 9 9 10 6 11 4	1 1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2	19.4 20.5 21.1 22.3 23.8 25.0 26.0	5.7 6.2 6.5 6.8 7.1 7.3 8.1	(3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8	9.5 10.1 10.8 11.8 12.7 14.1 14.9	10.8 11.1 11.9 12.9 14.4 15.6	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6	1 1 1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3	5.7 6.2 6.5 6.8 7.1 7.3 8.1	(3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8	9.5 10.1 10.8 11.8 12.7 14.1 14.9	10.8 11.1 11.9 12.9 14.4 15.6 16.9	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 8.3	7.0 72 7.9 8.6 9.6 10.6 11.1 11.3	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7	1 1 1 1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 28.0	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9	5.2 5.6 5.9 6.8 7.1 7.5 7.7 8.3 9.2	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1	1 1 1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8	(3) (3) (3) (3) (3) (3) (3) (3) (3) 13.7 14.5 15.6	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 8.3	7.0 72 7.9 8.6 9.6 10.6 11.1 11.3	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1 40.3	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 28.0	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 8.3 9.2 10.9	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1 40.3 42.0	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9	(3) (3) (3) (3) (3) (3) (3) (3) (3) (4) 13.7 14.5 15.6 17.3 19.2	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5	5.2 5.6 5.9 6.8 7.1 7.5 7.7 8.3 9.2 10.9 12.9	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1 40.3 42.0	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9	(3) (3) (3) (3) (3) (3) (3) (3) (4) 13.7 14.5 15.6 17.3 19.2 21.3	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3	5.2 5.6 5.9 6.8 7.1 7.5 7.7 8.3 9.2 10.9 12.9 14.4	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 14.8 16.3 18.9	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9	1 1 1 1 1 1 1 1 1 2
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1 42.0 42.8 44.8	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9	(3) (3) (3) (3) (3) (3) (3) (3) 13.7 14.5 15.6 17.3 19.2 21.3 23.6	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8	5.2 5.6 5.9 6.8 7.1 7.5 7.7 8.3 9.2 10.9 12.9 14.4	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0	1 1 1 1 1 1 1 1 1 1 1 2 2 2
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 39.1 40.3 42.0 42.8 44.8 47.0	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7	(3) (3) (3) (3) (3) (3) (3) (3) (3) 13.7 14.5 15.6 17.3 19.2 21.3 23.6 25.8	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.2 25.7 28.3	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 8.3 9.2 10.9 12.9 14.4 15.4 16.1 17.9 19.1	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0 31 5	1 1 1 1 1 1 1 1 1 1 2 2 2 2
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1 40.3 42.0 42.8 47.0 50.4	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1 37.8	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7 24.1	(3) (3) (3) (3) (3) (3) (3) (3) 13.7 14.5 17.3 19.2 21.3 23.6 25.8 27.6	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9 25.7 28.3	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 8.3 9.2 10.9 14.4 15.4 16.1 17.9	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0	1 1 1 1 1 1 1 1 1 1 2 2 2 2
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 39.1 40.3 42.0 42.8 44.8 47.0 50.4 53.9	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6 43.6	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7 24.1 28.5	(3) (3) (3) (3) (3) (3) (3) (3) (3) 13.7 14.5 17.3 19.2 21.3 23.6 25.8 27.6 30.2	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9 25.7 28.3	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 8.3 9.2 10.9 12.9 14.4 15.4 16.1 17.9 19.1	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4 33.3	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0 31 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 39.1 40.3 42.0 42.8 47.0 50.4 53.9 57.6	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 28.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7 24.1	(3) (3) (3) (3) (3) (3) (3) (3) (3) 13.7 14.5 17.3 19.2 21.3 23.6 25.8 27.6 30.2	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 18.2 20.2 22.9 25.7 28.3 31.8	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8 34.0	10.8 11.1 11.9 12.9 14.4 15.6 16.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7 39.9	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 8.3 9.2 10.9 12.9 14.4 15.4 16.1 17.9 19.1 21.8 26.1 30.2	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 29.4 33.3 38.5 44.0	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0 31 5 34 3 38 5 43 3	1 1 1 1 1 1 1 1 1 2 2 2 2 2 3
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1 40.3 42.0 42.8 44.8 44.0 50.4 53.9 57.6 61.1	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6 43.6	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7 24.1 28.5 33.9 34.5 4	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 20.2 22.9 25.7 28.3 31.8 36.3 41.8 46.2	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8 34.0 38.0 42.5 47.5	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7 39.9 46.3 52.0 57.6	5.2 5.6 5.9 6.8 7.1 7.5 7.7 8.3 9.2 10.9 14.4 16.1 17.9 19.1 21.8 26.1 30.2 34.6	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4 33.3 38.5 44.0 50.4	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 9 21 7 23 9 26 2 29 0 31 5 34 3 38 5 43 3 48 3	1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 3 3 4
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1 40.3 42.0 42.8 44.8 47.0 50.4 50.4 51.6 61.1 64.4 69.0	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6 43.6 46.9 50.5 54.1 59.6	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7 24.1 28.5 33.9 39.3 45.4 55.7	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9 25.7 28.3 31.8 36.3 41.8 46.2 56.1	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8 34.0 38.0 42.5 47.5 54.1	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7 39.9 46.3 52.0 57.6 65.0	5.2 5.6 5.9 6.8 7.1 7.5 7.7 8.3 9.2 10.9 12.9 14.4 16.1 17.9 19.1 21.8 26.1 30.2 34.6 43.7	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4 33.3 38.5 44.0 60.1	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0 31 5 34 3 38 5 43 3 54 2	1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 3 3 4 4 4 4 4
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1 40.3 42.0 42.8 44.8 44.8 53.9 57.6 61.1 64.4	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6 43.6 46.9 50.5 54.1 59.6	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7 24.1 28.5 33.9 39.3 45.4 55.7	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9 25.7 28.3 31.8 36.3 41.8 46.2 56.1	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8 34.0 38.0 42.5 47.5	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7 39.9 46.3 52.0 57.6	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 8.3 9.2 10.9 14.4 15.4 16.1 17.9 19.1 21.8 26.1 30.2 34.6 43.7 54.5	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4 33.3 38.5 44.0 50.4 60.1 71.7	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0 31 5 34 3 38 5 43 3 48 3 54 2 63 8	1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 3 3 4 4 5 5
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 39.1 40.3 42.0 42.8 44.8 47.0 50.4 53.9 57.6 61.1 69.0 76.3	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6 43.6 46.9 50.5 54.1 59.6	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7 24.1 28.5 33.9 39.3 45.4 55.7 73.0 85.4	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9 25.7 28.3 31.8 36.3 41.8 46.2 56.1 67.9 81.0	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8 34.0 38.0 42.5 47.5 54.1 64.7 77.0	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7 39.9 46.3 52.0 57.6 65.0 74.7 84.0	5.2 5.6 5.9 6.8 7.1 7.5 7.7 8.3 9.2 10.9 14.4 16.1 17.9 19.1 21.8 26.1 30.2 34.6 43.7 54.5 70.2	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4 33.3 38.5 44.0 50.4 60.1 71.7 81.9	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 9 21 7 23 9 26 2 29 0 31 5 34 3 38 5 43 3 48 3 54 2 63 8 77 3	1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2 3 3 4 4 5 5 7
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1 40.3 42.0 42.8 44.8 47.0 42.8 44.8 47.0 50.4 53.9 57.6 61.1 69.0 76.3 85.4 92.3	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 28.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6 43.6 46.9 50.5 54.1 59.6 69.1 78.9	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7 24.1 28.5 33.9 34.5 45.7 73.0 85.4	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9 25.7 28.3 31.8 36.3 41.8 46.2 56.1 67.9 81.0 90.4	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8 34.0 38.0 42.5 47.5 54.1 64.7 77.0 87.9	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7 39.9 46.3 52.0 57.6 65.0 74.7 84.0 90.5	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 8 3 9.2 10.9 12.9 14.4 16.1 17.9 19.1 21.8 26.1 30.2 34.6 43.7 54.5 70.2 84.1	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4 33.3 38.5 44.0 50.4 60.1 71.7 81.9 92.1	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0 31 5 34 3 38 5 43 3 48 3 54 2 63 8 77 3 91 5	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2 2 2 3 3 4 4 4 5 5 7 8 8
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 37.7 39.1 40.3 42.0 42.8 44.8 47.0 42.8 44.8 47.0 40.3 50.4 69.0 76.3 85.4 92.3 100.0	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6 43.6 46.9 50.5 54.1 59.6 69.1 78.9 90.1	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 24.1 28.5 33.9 39.3 45.4 55.7 73.0 85.4 91.1	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9 25.7 28.3 31.8 36.3 41.8 46.2 56.1 67.9 81.0 90.4 100.0	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8 34.0 38.0 42.5 47.5 54.1 64.7 77.0 87.9 100.0	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7 39.9 46.3 52.0 57.6 65.0 74.7 84.0 90.5	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 8.3 9.2 10.9 12.9 14.4 15.4 16.1 17.9 19.1 21.8 28.1 30.2 34.6 54.5 70.2 84.1 100.0	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4 33.3 38.5 44.0 50.4 60.1 71.7 81.9 92.1 100.0	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0 31 5 34 3 38 5 43 3 54 8 54 8 77 3 91 5 100 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 39.1 42.0 42.8 44.8 47.0 50.4 53.9 57.6 61.1 64.4 69.0 76.3 100.0 108.3	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6 43.6 46.9 50.5 54.1 59.6 69.1 78.9 90.1 100.0 106.7	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7 24.1 28.5 33.9 39.3 45.4 55.7 73.0 85.4 100.0 105.9	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9 25.7 28.3 31.8 36.3 41.8 46.2 56.1 67.9 81.0 90.0 10.	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8 34.0 38.0 42.5 47.5 54.1 64.7 77.0 87.9 100.0 112.8	10.8 11.1 11.9 12.9 14.4 15.6 16.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7 39.9 46.3 52.0 57.6 65.0 74.7 84.0 90.5 100.0 108.5	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 83 9.2 10.9 14.4 15.4 16.1 17.9 19.1 21.8 26.1 30.2 34.6 43.7 54.5 70.2 10.0 11.0 10.0 11.0 10.0 10.0 10.0 1	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4 33.3 38.5 44.0 50.4 60.1 71.7 81.9 92.1 100.0 108.7	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0 31 5 34 3 48 3 48 3 54 3 63 8 77 3 91 5 100 0 111 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 39.1 42.0 42.8 44.8 47.0 50.4 53.9 57.6 61.1 64.4 69.0 76.3 108.3 118.8	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6 43.6 46.9 50.5 54.1 59.6 69.1 78.9 90.1 100.0 106.7 117.5	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 24.1 28.5 33.9 39.3 45.4 55.7 73.0 85.4 91.1 100.0 105.9 112.8	(3) (3) (3) (3) (3) (3) (3) (3) (3) 13.7 14.5 15.6 17.3 19.2 21.3 23.6 25.8 27.6 30.2 34.2 39.2 45.5 53.1 65.0 78.9 89.3 100.0 108.0 116.3	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9 25.7 28.3 31.8 36.3 41.8 46.2 56.1 67.9 81.0 90.4 100.0 110.2 123.2	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8 34.0 38.0 42.5 47.5 54.1 64.7 77.0 87.9 100.0 112.8 128.1	10.8 11.1 11.9 12.9 14.4 15.6 16.9 18.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7 39.9 46.3 52.0 57.6 65.0 74.7 84.0 90.5 100.0 108.5 116.4	5.2 5.6 5.9 6.8 7.1 7.5 7.7 83 90.9 12.9 14.4 15.4 16.1 17.9 19.1 21.8 26.1 30.2 34.6 54.5 70.2 84.1 100.0 114.5 7.3 7.3 7.3 7.3 7.4 7.5 7.5 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4 33.3 38.5 44.0 40.1 60.1 71.7 81.9 92.1 100.0 108.7 117.2	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0 31 5 34 3 38 5 43 3 54 2 63 8 77 3 91 5 100 0 111 3 120 0	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1953	26.5 27.7 28.8 30.6 32.5 33.9 35.2 36.7 39.1 42.0 42.8 44.8 47.0 50.4 53.9 57.6 61.1 64.4 69.0 76.3 100.0 108.3	19.4 20.5 21.1 22.3 23.8 25.0 26.0 27.3 26.0 28.8 29.9 31.0 32.6 35.1 37.8 40.6 43.6 46.9 50.5 54.1 59.6 69.1 78.9 90.1 100.0 106.7	5.7 6.2 6.5 6.8 7.1 7.3 8.1 8.9 10.4 11.8 13.2 14.9 16.7 18.5 20.7 24.1 28.5 33.9 39.3 45.4 55.7 73.0 85.4 100.0 105.9	(3) (3) (3) (3) (3) (3) (3) (3) (3) (3)	8.4 8.8 9.3 10.0 10.6 11.1 11.8 12.6 14.1 15.5 16.8 18.2 20.2 22.9 25.7 28.3 31.8 36.3 41.8 46.2 56.1 67.9 81.0 90.0 10.	9.5 10.1 10.8 11.8 12.7 14.1 14.9 16.1 17.8 19.6 21.5 23.2 25.0 26.7 28.9 32.8 34.0 38.0 42.5 47.5 54.1 64.7 77.0 87.9 100.0 112.8	10.8 11.1 11.9 12.9 14.4 15.6 16.9 21.2 24.0 25.6 27.5 30.3 32.8 34.6 36.7 39.9 46.3 52.0 57.6 65.0 74.7 84.0 90.5 100.0 108.5	5.2 5.6 5.9 6.3 6.8 7.1 7.5 7.7 83 9.2 10.9 14.4 15.4 16.1 17.9 19.1 21.8 26.1 30.2 34.6 43.7 54.5 70.2 10.0 11.0 10.0 11.0 10.0 10.0 10.0 1	7.0 7.2 7.9 8.6 9.6 10.6 11.1 11.3 12.2 13.9 14.8 16.3 18.9 21.2 23.8 26.3 29.4 33.3 38.5 44.0 50.4 60.1 71.7 81.9 92.1 100.0 108.7	9 2 9 7 9 9 10 6 11 4 12 1 13 1 13 6 14 7 16 1 18 0 19 9 21 7 23 9 26 2 29 0 31 5 34 3 48 3 48 3 54 3 63 8 77 3 91 5 100 0 111 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

See footnotes at end of table



Table 138. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing, selected countries, 1950-82—Continued

Item and year	United States	Canada	Japan	Belgium	Den- mark	France	Ger- many F.R. <sup>2</sup>	italy	Nether- lands	Sweden	United King- dom
Hourly compensation in U.S. dollars 5 5		  -									
1950 1951 1952 1953 1954	23.6 25.2 26.5	14.5 17.0 20.1 21.0 22.4	2.7 3.5 4.0 4.2 4.6	(3) (3) (3) (3) (3)	5.9 6.6 7.1 7.4 7.7	8.7 11.2 13.0 13.4 14.1	4.6 5.3 5.7 6.0 6.2	6.3 6.9 7.4 8.0 8.3	3.8 4.2 4.5 4.6 5.1	5.8 6.7 7.9 8.4 8.6	12.9 14.0 15.3 16.2 17.1
1955 1956 1957 1958 1959	30.6 32.5 33.9	22.8 24.1 26.4 27.4 28.8	4.8 5.0 5.3 5.4 6.0	(3) (5) (5) (5) (5)	8.1 8.7 9.2 9.6 10.3	15.1 16.6 14.8 14.4 14.9	6.6 7.1 7.9 8.8 9.4	9.0 9.7 10.0 10.5 11.0	5.5 6.1 6.8 7.2 7.4	9.1 9.8 10.5 11.3 11.8	18.3 19.9 21.1 22.7 23.4
1960 1961 19 <del>6</del> 2 1963 1964	37.7 39.1 40.3	29.9 29.4 28.7 29.4 30.6	6.6 7.7 8.8 9.8 11.0	9.8 10.4 11.2 12.4 13.8	10.9 12.3 13.5 14.6 15.8	16.2 17.8 19.8 21.6 23.3	10.5 12.3 13.9 14.9 16.1	11.9 13.1 15.5 18.3 20.4	7.9 9.4 10.1 11.1 12.9	12.7 13.9 15.6 17.1 18.8	24.9 26.8 28.3 29.5 31.6
1965	44.8 47.0 50.4	32.1 34.6 37.3 40.0 43.0	12.4 13.6 15.3 17.9 21.3	15.4 17.0 18.6 19.8 21.6	17.5 19.9 22.1 22.7 25.4	25.1 26.7 28.9 32.5 32.2	17.6 19.0 20.1 21.3 23.6	21.8 22.8 25.4 27.1 30.7	14.4 16.1 17.9 19.9 22.6	20.7 22.6 25.1 27.2 29.6	34.7 37.6 38.2 35.6 38.8
1970 1971 1972 1973 1974	61.1 64.4 69.0	47.8 53.1 58.1 63.4 75.0	25.4 30.3 40.1 55.0 67.1	24.7 28.9 37.0 49.0 59.9	29.1 33.9 39.9 55.9 67.0	33.8 37.9 46.3 60.0 66.2	29.5 34.7 42.0 56.9 67.1	36.8 43.1 52.3 66.4 74.0	26.1 30.9 38.5 53.1 65.5	33.2 37.9 45.4 55.6 64.3	44.3 51.8 60.0 65.5 78.2
1975	85.4 92.3 100.0 108.3 118.8	82.4 97.1 100.0 99.4 106.6	77.1 82.3 100.0 136.1 138.5	77.1 82.9 100.0 123.1 142.0	84.8 89.8 100.0 120.1 140.5	88.4 90.5 100.0 123.2 148.0	79.4 83.5 100.0 125.6 147.5	95.0 89.5 100.0 119.1 143.1	79.6 85.5 100.0 123.4 143.3	83.3 93.9 100.0 110.1 125.1	96.5 91.8 100.0 128.1 168.7
1980	132.9   146.5   158.9	117.5 127.4 137.3	142.6 156.4 142.9	156.4 133.3 ( <sup>8</sup> )	145.6 126.2 118.6	170.7 153.2 149.2	182.0 140.1 13 .1	165.3 152.7 150.ð	152.1 127.1 ( <sup>3</sup> )	140.9 133.2 114.0	229.9 232.3 218.7
Unit labor costs in national cur- rency											
1950 1951 1952 1953	43.4 46.2 48.3 50.1 51.6	42.9 46.7 49.9 50.6 : 51.2	ፈባ,9 41.7 45.9 42.4 43.3	(3) (3) (3) (3)	24.7 27.1 29.7 30.2 30.2	24.8 29.9 33.5 32.8 33.7	38.0 42.5 41.5 40.7 40.3	21.2 20.9 21.8 22.1 21.9	29.6 31.7 32.8 31.3 33.1	21.8 24.8 29.2 29.2 29.2	17.9 19.4 22.2 22.3 22.8
1955 1956 1957 1958	51.0 54.7 56.8 59.6 59.1	49.7 50.2 53.2 54.2 53.3	43.2 42.3 40.6 44.3 42.3	(3) (3) (3)	31.0 32.4 33.1 33.5 33.5	34.6 35.0 37.1 39.9 39.5	40.4 42.6 43.8 45.2 45.4	21.7 22.2 22.6 23.4 22.5	34.5 36.1 38.6 39.4 37.5	31.5 31.9 32.4 33.3 32.8	23.7 25.7 26.7 27.9 27.7
1960 1961 1962 1963 1964	61 1 61 2 60 9 58 5 58 1	54.2 52.7 51.6 51.5 51.2	40 5 1 41.7 1 45.6 1 47.1 46.8 1	42.4 44.4 44.6 47.8	34.5 36.7 38.2 40.3 40.2	40.6 42.7 45.0 46.9 48.0	47.3 50.4 53.6 54.6 54.5	22.8 23.4 24.9 28.7 30.3	38.3 41.5 43.0 45.7 48.7	34.2 35.8 37.2 38.9 39.1	27.9 29.8 30.6 30.4 30.4
1965 1966 1967 1968 1969	57 5 59 4 62 4 64 6 68 0	51.8 54.0 56.3 56.6 57.4	50.5 ; 50.6 ; 49 4 51.0 ; 52 4 ;	53.5 55.4 57.1 56.0 50.5	42.6 46.1 47.4 48.0 51.9	48.9 48.7 50.0 50.9 50.9	56.4 58.9 58.2 57.9 59.4	29.2 28.6 30.0 29.7 31.5	51.3 54.1 56.0 55.7 57.8	40.3 42.3 43.3 43   43.6	32.3 33.8 33.3 33.3 35.5
1970 1971 1972 1973 1974	72 7 72 7 73 0 74 2 84 1	60.9 61.2 62.8 65.1 73.8	55.2 60.2 62.5 69.4 88.9	58.1 62.7 65.3 68.9 79.8	55.6 60.2 61.6 67.8 79.4	54.3 57.6 60.7 65.7 75.9	67.9 73.2 76.1 81.0 88.4	36.0 40.3 42.6 48.1 57.2	61.0 65.4 69.4 75.1 82.6	47.0 50.2 53.2 55.6 63.2	40.1 44.2 46.4 48.7 60.4
1975 1976 1 <b>9</b> 77 1 <b>97</b> 8 1 <b>9</b> 79	91 5 94 6 100 0 107 4 117 0	86 4 93 7 100 0 104 9 112 2	100 1 97 7 100 0 98 2 96 1	92 8 95.1 100 0 102.9 104 0	85.8 92.3 100.0 107.6 113.7	87.6 92.4 100.0 106.7 115.7	94.4 95.0 100.0 105.0 107.5	77.1 85 1 100.0 111.2 121 9	96.2 95.9 100.0 101.9 104.7	76.9 90.1 100.0 106.7 106.2	80.1 90.2 100.0 112.8 129.9
1980) 1981 1982 '	130 6 140 0 153 4	126 4 139 3 159 1	95 9 101 / 104 2	110 5 113 1 (')	124 3 128 7 138 0	130.2 147.4 163.3	115.3 120.6 125.0	137 0 161 7 188 4	107.7 1100 (")	116.6 131.2 136.0	159.5 175.3 184.7

See footnotes at end of table



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Table 138. Indexes of output per hour, hourly compensation, unit labor costs, and related measures for manufacturing, selected countries, 1950–82—Continued

[1977 .. 100]

Item and year	United States	Canada	Japan	Belgium	Den- mark	France	Ger- many F.R. <sup>2</sup>	Italy	Nether- lands	Sweden	United King- dom
Unit labor costs in U.S. dollars 6					ļ		i		· 	:	
1950	43.4	41.7	30.4	(3)	21.5	34.5	21.0	30.0	19 1	18.8	28.7
1951	46.2	47.1	31.1	(3)	23.5	42.0	23.5	29.5	20 4	21.4	31.1
1952	48.3	54.2	34.2	(3)	25.8	47.1	23.0	30.5	21.2	25.2	35.5
1953	50.1	54.7	31.5	(3)	26.3	46.1	22.5	31.2	20 3	25.2	35.9
1954	51.6	55 9	32.2	(3)	26.3	47.3	22.3	30.9	21.4	25.8	36.7
1955	51.0	53.5	32.1	(3)	26.9	48.5	22.3	30.7	22.2	27.2	
1956	54.7	54.2	31.5	(3)	28.2	49.1	23.5	31.4	23.1	27.5	
1957	56.8	59.0	30.2	(3)	28.8	43.4	24.2	31.9	24.8	27.9	
1958	59.6	59.3	32.9	(3)	29.1	40.7	25.0	33.0	25.5	28.7	
1959	59.1	59.1	31.5	(3)	29.2	39.6	25.2	31.9	24.4	28.3	
1960	61.1	59.3	30.2	30.5	30.1	40.7	26.3	32.5	24.9	29.6	44.8
1961	61.2	55.3	30.9	31.9	31.9	42.8	29.1	33.3	28.0	31.0	47.8
1962	60.9	51.3	33.9	32.1	33.3	45.1	31.1	35.4	29.3	32.2	49.2
1963	58.5	50.7	34.9	34.4	35.0	47.0	31.8	40.8	31.2	33.5	48.8
1964	58.1	50.4	34.6	36.2	34.9	48.1	31.8	42.9	33.1	33.9	48.6
1965	57.5	51.0	37.4	38.6	37.0	49.0	32.7	41.2	35.0	34.9	51.7
1966	59.4	53.3	37.4	39.8	40.0	48.8	34.2	40.4	36.6	36.6	54.1
1967	62.4	55.5	36.5	41.2	40.8	49.9	33.9	42.5	38.1	37.5	52.5
1968	64.6	55.6	37.9	40.2	38.5	50.5	33.7	42.0	37.8	37.3	45.7
1969	68.0	56.7	39.1	40.3	41.4	48.3	35.1	44.3	39.1	37.7	48.6
1970	72.7	62.0	41.3	41.9	44.5	48.3	43.2	50.6	41.4	40.5	55.0
	72.7	64.4	46.4	46.3	48.8	51.4	48.9	57.5	46.0	43.9	62.0
	73.0	67.4	55.2	53.2	53.2	59.1	55.4	64.5	53.1	50.0	66.6
	74.2	69.2	68.6	63.6	67.6	72.8	71.0	73.1	66.3	57.1	68.4
	84.1	80.1	81.7	73.5	78.4	77.6	79.5	77.6	75.6	63.7	81.1
1975	91 5	90.3	90.4	90.6	89.8	100.6	89.2	104.3	93.5	82 9	101.9
1976	94.6	101.0	88.2	88.3	91.7	95.2	87.6	90.5	89.0	92.4	93.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	107.4	97.8	126.2	117.3	117.3	116.5	121.6	115.6	115.8	105.6	124.0
1979	117.0	101.8	117.9	127.1	129.7	133.6	136.2	129.5	128.1	110.7	157.9
1980	130.6	114.9	113.8	135.5	132.6	151.7	147.5	141.4	133.1	123.2	212.7
1981	140.0	123.5	123.8	109.4	108.8	134.0	124.2	126.2	108.4	116.4	203.3
1982 *	153.4	136.9	112.0	(³)	99.3	122.0	119.5	122.9	(3)	96.7	185.1

<sup>&</sup>lt;sup>1</sup> The data refer to all employed persons in the United States and Canada and all employees in the other countries.



<sup>&</sup>lt;sup>2</sup> Including West Berlin.

<sup>&</sup>lt;sup>1</sup> Not available.

<sup>4</sup> Preliminary.

<sup>&</sup>lt;sup>5</sup> In France, Sweden and the United Kingdom, compensation adjusted to include changes in employment taxes that are not compensation to employees, but are labor costs to employers.

<sup>\*</sup> Indexes in national currency adjusted for changes in exchange rates.

Source: Bureau of Labor Statistics. Based on data from national and international publications.

Table 139. Indexes of trade-weighted relative trends in output per hour, hourly compensation, and unit labor costs in manufacturing,<sup>1</sup> selected countries, 1960-81

Item and year	United States	Canada	Japan	Belgium	Den- mark	France	Ger- many F.R. <sup>2</sup>	Italy	Nether- lands	Sweden	United King- dom
ative output per hour						1	:	! !		•	
1960	157.1	94.2	46.6	81 2	88.4	98.5	100.1	90.2	78.8	1039	138 2
1961				: :			100.1	92.8	79.2	•	
	152.0	96.0	50.9	78.4	88.9	97.7	i.	i			
1962	150.6		50.4	79.6	88.7	96.7	101.5	97.9	77.4		128.4
1963	153.7	93.9	51.7	78.2	86.9	97.0	100.7	95.3	76.1		128.2
1964	149.8	92.8	55.2	77.2	87.4	95.1	101.5	93.7	77.3	107.3	128.1
1965	146.7	92.8	54.7	75.9	86.9	95.1	102.6	99.2	77.9	<sup>i</sup> 109.4	125.5
1966	140.3	94.0	58.2	77.2	87.1	97.3	100.6	101.1	79.2		124.3
1967	131.2	95.3	64.4	77.2	89.3	96.8	101.2	100.9	79.8	111.4	123.0
1968	124.7		68.0		89.9	100.3	99.5	100.9	82.8		122.3
1969	118.3	99.8	75.4	79.4	88.1	97.7	99.2	102.5	85.6	114.8	118.1
1909	110.5	33.0	75.4	75.4	06.1	51.1	33.2	102.5	65.0	114.0	110.1
1970	112.7	100.2	83.1	83.9	90.3	98.9	96.0	103.5	90.1	115.4	114.3
1971	113.4	101.4	84.0	<b>,</b>	91.4	99.3	94.9	101.5	91.7	115.4	112.8
1972	111.0	100.2	88.0	88.5	92.3	98.0	94.0	102.4	92.2	113.4	113.6
1973	108.7		90.9	91.6	95.0	95.9	92.3	107.5	95.0	: :	112.4
1974	102.6	103.8	91.6	93.2	95.3	96.2	94.8	109.4	99.7	114.5	110.3
		,					34.0	. 30.4			
1975	104.4	98.6	93.3	95.1	103.5	97.3	98.8	101.5	95.0	111.4	105.3
1976	101.7	98.9	96.3	97.8	101.1	98.5	98.7	103.1	100.2	105.5	102.3
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	96.7	100 0	104.9	100.7	98.5	102.0	99.0	99.2	102.6	100.6	99.6
1979	92.4	101.0	110.4	102.1	99.1	101.9	98.9	101.7	102.6	104.3	98.3
1980	90.8	97.9	1163	103.3	98.4	101.1	97.8	105.5	102.7	103.4	97.5
1981	91.3	96.0	113.8	106.3	101.3	99.7	97.7	106.2	102.4	100.5	100.5
	31.0	30.0	110.0	100.0	101.0	00.7	0,.,	100.2	102.4		100.0
ative hourly compensation in . ational currency				· į			į			į .	
1960	238.9	93.9	42.5	86.4	77.5	99.8	123.7	47.2	71.8	86.0	87.1
1961	223.5	91.9	46.U	82.7	79.1	99.9	127.1	47.6	74.6	· _	85.9
1962	211.6						1	51.1	72.3		82.4
		89.7	48.7	80.2	78.9	99.5	131.6	:			
1963	201.1	89.1	51.0	81.8	79.3	101.1	128.4	56.5	73 7		79.6
1964	192.8	87.8 į	53.6	83.7	79.0	100.5	126.6	58.4	79.1	91.0	78.8
1965	180.4	88.7	56.6	85.0	80.5	99.6	129.0	57.4	81.4	92.7	80.2
1966	1739	90.7	58.4	87.2	84.7	98.6	129.6	55.4	84.7	:	81.1
1967	168.9	92.4	61.4	88.9	88.4	99.6	126.1	57.8	87.6		77.5
1968	165 1	92.0	66.2	86.9	89.5	104 4	121.8	56.6	90.0	97.2	76.1
1969	160.4	91.6	72.6	87.5	91.9	97.8	120.6	59.1	93.7	96.4	<b>76</b> .0
1970	150.1	90.6	77.3	86.3	92.0	95.6	123.6	62.1	94.9	95.3	76.4
1971	1415	90.4	81.0	87.8	94.0	95.0	123.4	64.0	96.6	95.4	78.7
1972	133.2	90.5	85.4	91.1	93.2	95.0	122.0	65.9	99.2	95 9	80.4
1973	123.2	91.3	93.4		99.2	94.2	119.0	73.5	103.8	94.1	78.3
1974	113.3							•	103.6		83.1
1974	113.3	93.4 :	105.4	95.4	100.5	94.5	113.4	77.3	104.1	. 82.0 !	OJ. 1
1975	107.2	93.7	105.5	98.5	101.0	95.4	106.3	65.7	101.3	95.5	93.0
1976 , ,	103.0	98.3	101.0	99.7	100.4	97.8	<del> 101.3  </del>	<del>- 83.0  </del>	102.6	101.8	98.4
1977	100 0	100.0	100.0		100.0	100.0 ;	100.0	100.0	100.0		100.0
1978	98.7	98.0	96.1	97.6	99.7	102.5	97.8	104.6	98.8		106.6
1979	97.9	98.2	92.2	94.8	100.6	105.4	93.9	112.1	98.5	98.2	115.7
1980	97.9	96.5	87.0	92.7	99.1	107.6	90.1	119.8	90.5	97 0	129.9
1980											

See footnotes at end of table.



Table 139. Indexes of trade-weighted relative trends in output per hour, hourly compensation, and unit labor costs in manufacturing,<sup>1</sup> selected countries, 1960-81—Continued [1977 · 100]

Item and year	United States	Canada	Japan	Belgium	Den- mark	France	Ger- many F.R. <sup>2</sup>	Italy	Nether- lands	Sweden	United King- dom
elative hourly compensation in	1	,		!						; !	
U.S. dollars	:	!							Ì	į	
1960	264.1	105.9	33.7	74.8	75.9	116.3	68.7	83.9	56.7	82.9	165.
1961		99.1	36.2	70.5	76.6	114.9	73.2	83.4	:	82.3	164.
1962		91.6	38.3	68.4	76.3	114.4	76.1	89.5	58.9	84.2	158.
1963		90.1	40.1	69.5	76.7	116.3	74.5	98.6	60.1	86.0	152.
1964		88.6	42.0	71.3	76.2	115.7	73.8	101.6	64.3	87.4	150
1965	201.8	89.8	44.5	72.7	77.8	114.7	74.8	99.9	66.4	88.9	153
1966		91.9		74.7	82.0	113.4	75.1	96.6	68.9	90.2	155
			45.8			1			71.6	93.7	145
1967		93.5	48.3	76 2	84.9	114.4	73.5	100.8		:	
1968		93.8	53.2	75.3	82.0	121.4	72.3	100.7	74.5	95.6	125
1969	183.4	93.5	58.8	75.9	83.8	108.2	73.6	104.3	77.7	94.9	125
1970		95.2	62.2	74.8	83.2	96.8	82.1	107.6	77.6	92.4	124
1971		97.6	66.1	75.8	84.1	93.9	84.7	109.5	79.8	91.9	128
1972		97.7	76.5	80.4	<b>83</b> .1	96.2	85.6	111.4	82.9	93.1	125
1973	116.5	95.4	87.9	82.7	93.6	99.5	94.1	112.1	89.9	91.9	109
1974	109.5	100.7	93.7	87.1	96.3	94.0	<del>96</del> .1	106.8	95.4	91.1	113
1975		96.7	<b>90</b> .0	91.1	100.0	105.0	92.1	114.6	95.2	98.3	116
1976	104.2	106.6	91.8	95.0	101.7	103.8	93.8	102.8	98.2	106.7	104
1977		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100
1978	89.9	88.7	116.4	99.6	98.9	100.9	103.9	97.1	100.4	90.5	107
1979		85.5	102.2	97.6	99.3	104.7	105.2	101.0	100.0	88.6	124
1980	85.8	83.9	92.3	94.8	90.1	107.0	101.3	103.8	93.8	88.0	153
1981	97.7	85.3	103.5	88.2	81.7	100.5	90.6	100.9	83.8	86.3	161.
lelative unit labor costs in na tional currency	- !										
	4504		04.4	400.0		404.0	400.0	50.4	011	90.0	62
1960		99.7	91.1	106.3	87.7	101.3	123.6	52.4	91.1	82.8	63
1961		95.8	90.5	105.4	89.0	102.2	126.6	51.3	94.2	83.1	65
1962		92.9	96.6	100.8	88.9	102.9	129.6	52.2	93.4	83.0	64
1963		94.9	98.7	104.5	91.2	104.2	127.5	59.3	96.9	84.9	62
1964	128.7	94.6	97.1	108.3	90.4	105.7	124.7	62.3	102.3	84.8	61
1965	123.0	95.5	103.3	111.9	92.6	104.7	125.7	57.9	104.4	84.7	63
1966	123.9	96.5	100.3	112.9	97.2	101.4	128.8	54.8	106.9	86.5	65
1967	128.7	97.0	95.4	115.2	99. 1	102.8	124.6	57.2	109.7	67.4	63
1968	: 132.4	94.7	97.5	112.5	99.6	104.1	122.5	56.1	108.7	86.2	62
1969	135.6	91.8	9 <del>6</del> .3	110.2	104.2	100.1	121.6	57.6	109.5	84.0	64
1970	133.3	90.4	93.1	102.8	101.8	96.7	128.8	60.0	l l 105.3	82.5	66
1971	_	89.2	96.5	103.3	102.9	95.6	130.0	63.1	105.4	82.7	69
1972			97.1	102.9	100.9	97.0	129.7	64.4	107.6	84.6	70
1973			102.7		104.4	98.2	128.9	68.4	109.3	62.9	69
1974			115.1		105.5	98.2	119.7	70.7	104.4	81.0	75
1975	102.7	95.1	113.1	: 103.5	97.5	98.0	107.7	84.4	106.7	85.7	88
1976			104.9	102.0	99.3	99.3	102.6	90.3	102.4	96.5	96
1977			100.0	100.0	100.0		100.0	100.0	100.0	100.0	100
1978		,	91.6	97.0	100.0	100.5	98.8	105.5	96.2	100.5	107
1970			83.5	92.8	101.2		94.9	110.2	94 0	94.2	117
1979	103.5		, ,,,,,								
		ı		:		: i	00.4	110 5	00 4	1 02.6	100
1980	103.9 107.9 106.5	98.6 101.1		89 8 84 9	100 7 96.1	106.4 111.9		113 5 125.5		93.8	133 135

See footnotes at end of table



Table 139. Indexes of trade-weighted relative trends in output per hour, hourly compensation, and unit labor costs in manufacturing, selected countries, 1960-81—Continued [1977=100]

Item and year	United States	Canada	Japan	Belgium	Den- mark	France	Ger- many F.R. <sup>2</sup>	Italy	Nether- iands	Sweden	United King- dom
telative unit labor costs in U.S. dollars <sup>3</sup>											;   
1960	168.2	112.4	72.4	92.1	85.9	118.1	68.7	93.1	71.9	79.8	122.
1961	162.6	103.3	71.2	89.9	86.2	117.6	72.9	89.8	76.4	79.5	124.
1962	156.7	94.8	76.0	85.9	86.0	118.3	74.9	91.4	76.1	79.5	123.
1963	. 146.2	95.9	77.5	88.9	88.3	119.8	74.0	103.7	79.0	80.9	119.
1964	143.9	95.7	76.2	92.3	87.3	121.6	72.6	108.3	83.2	81.4	117.
1965	137.6	9 <del>6</del> .7	81.2	95.7	89.5	120.6	72.9	100.7	85.2	81.3	122.
1966	138.8	97.8	78.7	96.4	94.2	116.6	74.7	95.6	86.9	82.9	124.
1967	144.3	98.2	75.0	98.7	95.1	118.1	72.6	99.9	89.7	84.1	118.
1968	151.1	96.6	78.3	97.5	91.2	121.1	72.7	99.8	89.9	84.8	102.
1969	155.0	93.7	78.0	95.6	95.1	110.8	74.2	101.7	90.7	82.7	105.
1970	150.6	95.0	74.9	89.1	92.1	97.9	85.5	104.0	86.1	80.0	109.
1971	137.1	96.2	78.8	89.1	92.0	94.5	89.3	107.9	87.1	79.6	113.9
1972	122.7	97.5	87.0	90.9	90.0	98.2	91.0	108.8	89.9	82.1	110.
1973	107.1	94.9	96.6	90.3	98.5	103.8	102.0	104.3	94.6	80.9	97.
1974	106.8	97.0	102.3	93.5	101.1	97.7	101.4	97.6	95.7	79.5	102.
1975	97.8	98.1	96.5	95.8	96.7	107.9	93.3	112.9	100.3	88 3	110.2
1976	102.5	1079	95.4	97.2	100.5	105.3	95.0	99.7	98.1	101.1	102.2
1977	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1978	93.0	88.7	111.0	99.0	100.4	98.9	104.9	97.9	97.9	89.9	100.6
1979	93.3	84.6	92.6	95.5	100.2	102.8	106.3	99.3	97.4	84.9	126.2
1980	94.5	85.7	79.3	91.8	91.5	105.9	103.5	98.3	91.3	85.1	157.
1981	107.0	88.9	91.0	83.0	80.6	100.8	92.7	94.9	81.5	85.9	160.3

<sup>&</sup>lt;sup>1</sup> The data refer to all employed persons in the United States and Canada and all employees in other countries.

NOTE: The indexes of trade-weighted relative trends are ratios of each country's own indexes to weighted geometric averages of the indexes of

the other 10 countries. The weights used to combine the other country indexes reflect the relative importance of each country as a manufacturing trade competitor.

SOURCE: Bureau of Labor Statistics. Based on data from national and international publications.



<sup>&</sup>lt;sup>2</sup> Including West Berlin.

<sup>3</sup> Indexes in national currency adjusted for changes in exchange rates.

Table 140. Average weekly hours of production workers in manufacturing, selected countries and years, 1955-82

Item and country	1955	1960	1965	1966	1967	1968	1969	1970	1971	1972
verage weekly hours paid		,				ļ	1	[   	!	<u> </u> 
United States	40.7	39.7	41.2	41.4	40.6	40.7	40.6	39.8	39.9	40.5
Canada	41.0	40.4	41.0	40.8	40.3	40.3	40.0	39.7	39.7	
Germany, F.A. <sup>1</sup>	48.8	45.6	<sup>2</sup> 44.1	43.7	42.0	43.0	43.8	43.8	<b>43</b> .0	42.
verage weekly hours worked								_	_	
Belgium	(°)	441.8	40.9	<sup>2</sup> 40.5	39.6	39.6	39.3	38.4	37.6	36.
Italy	39.1	39.6	<sup>2</sup> 35.0	36.0	36.2	36.2	34.6	34.5	33.2	32.
Japan 5	45.9	48.1	44.3	44.7	44.8	44.5	43.8	43.1	42.4	42.3
United Kingdom <sup>6</sup>	45.1	43 9	42.4	41.5	41.7	42.0	41.8	41.3	40.5	40.0
Average weekly scheduled hours 7										
Belgium	(a)	(3)	(3)	( <sup>3</sup> )	43.8	43.7	43.6	42.9	42.2	41.
France	(3)	(5)	45.8	46.1	45.7	45.7	45.6	45.0	44.6	44.
Germany, F.R. <sup>1</sup>	(3)	(a)	(3)	43.8	42.4	43.4	44.1	44.1	43.1	43. 42.
italy	(3)	(°)	(3)	(5)	(3)	44.7	44.0	42.6	42.2 43.8	43.
Netherlands	449.6	448.8	246.0	45.9	45.3	45.3	45.0	44.4	43.6	43.
	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Average weekly hours paid										
United States	40.7	40.0	39.5	40.1	40.3	40.4	40.2	39.7	39.8	38.
Canada		38.9	38.6	38.7	38.7	38.8	38.8	38.5	38.5	37.
Germany, F.R. <sup>1</sup>	2 42.8	41.9	40.4	41.4	41.7	41.6	41.8	41.6	41.1	40.
Average weekly hours worked										
Belgium	2 35.8	34.9	32.4	33.4	32.7	32.8	32.9	32.5	31.1	(3
italy		30.6	29.2	30.2	30.5	<sup>2</sup> 30.2	29.9	30.0	<sup>8</sup> 29.2	(
Japan 5	42.0	39.8	38.6	40.2	40.2	40.5	41.1	41.2	41.0	40.
United Kingdom <sup>6</sup>		40.3	39.6	40.3	40.3	40.3	40.1	39.5	* 39.6	39.
Average weekly scheduled hours 7										
Belgium	. 2 40.8	40.1	38.4	38.0	36.8	37.0	37.4	36.1	35.2	35.
France		43.0	41.6	<sup>2</sup> 41.7	41.3	41.0	40.8	40.6	40.3	39.
Germany, F.R. <sup>1</sup>	. <b>* 42.9</b>	41.8	40.5	41.8	41.9	41.8	41.9	41.7	41.2	40.
Italy	41.8	41.7	41.5	41.6	41.6	2 39.2	39.4	38.8	38.2	38.
Netherlands	. 43.2	42.2	40.7	41.1	41.0	* 41.1	41.2	41.0	40.7	40

<sup>&</sup>lt;sup>1</sup> Including West Berlin

NOTE: Comparability of the data shown is affected not only by the differences in hours definitions, but also by the periodicity of the hours surveys. Average weekly hours paid are monthly averages for the United States and Canada, and averages of 4 months (January, April, July, and October) for Germany. Average weekly hours worked are monthly averages for Italy and Japan, averages of April and October for Belgium, and October only for the United Kingdom. Average weekly scheduled hours are averages of 4 months (January, April, July, and October) for France, and averages of April and October for the other countries shown.

SOURCE: National and international statistical publications.



<sup>&</sup>lt;sup>2</sup> New sample. Data not comparable with earlier years.

<sup>&#</sup>x27;Not available.

<sup>&</sup>lt;sup>4</sup>October.

Regular workers in establishments employing 30 or more regular employees.

<sup>\*</sup>October each year.

<sup>&</sup>lt;sup>7</sup>Normally scheduled hours adjusted for overtime and for time lost because of technical reasons or production cutbacks.

<sup>\*</sup>Preliminary.

Table 141. Hourly compensation costs for production workers in manufacturing, selected countries, 1975-82

Item and country	1975	1976	1977	1978	1979	1980	1981 1	198
urly compensation costs in U.S. dollars 3 4						•		
United States	8.35	8.93	7.59	8.30	9.07	9.91	10.96	11
Canada	8.11	7.20	7.55	7.89	8.18	8.98	9.87	10
Brazil	1.13	1.29	1.48	1.87	1.73	1	2.15	2
Mexico s	1.92	1.28	1.74	I -	2.33	1.70	1	1
Venezuela <sup>6</sup>	2.02	2.04	2.19	2.04 2.47	2.33	2.95 3.42	3.82	
*CITOLUCIA	. 2.02	2.04	2.19	2.47	2.78	3.42	3.88	
Australia *	5.02	E 45	E 40	0.00	6.50	7.37	8.87	8
Hong Kong 5 y 10	5.02	5.45	5.48	8.09				
India	72	.83	.98	1.13	1.25	1.44	1.48	1
lergel 10	19	.29	.32	.35	.37	(7)	(7)	
Israel 10	2.25	2.37	2.68	2.57	3.30	3.79	4.18	4
Japan	. 3.05	3.30	4.03	5.54	5.49	5.61	6.18	5
Korea 10		.47	.83	.86	1.14	1.08	1.15	1
New Zealand 10		2.88	3.23	3.97	4.52	5.11	5.48	1
Pakistan 10	21	.23	.29	.36	(7)	(7)	(7)	l
Singapore		.85	.91	1.05	1.29	1.47	1.77	
Sri Lanka	28	.24	.32	.28	.23	.22	.21	
Taiwan 10	.48	.58	.66	.80	1.01	1.27	1.51	1
Austria 9	4.06	4.33	5.19	8 22	7.21	7.00	8.93	
Belgium.	8.54	7.03	8.48	8.22 10.39		7.88	l	8
Denmark		6.63	7.25	Į.	12.02	13.18	11.10 9.12	
Finland 11		5.21	7.25 5.55	8.79 5.80	10.05 7.40	10.54 8.21	7.94	,
France	4.58			)		1		
Germany, F.R. 12	4.56	4.78	5.31	8.54	7.90	9.24	8.32	
Greece 6	8.19	6.60	7.80	9.85	11.26	12.30	10.54	10
Iraland	1.40	1.59	1.91	2.36	2.83	3.12	3.06	
Ireland	3.01 4.60	2.84 4.38	3.08 5.08	3.87 6.09	4.79 7.20	5.81 8.17	5.40 7.58	
	1	4.50	3.00	0.00	7.20	0.17	7.30	'
Luxembourg	6.34	8.86	7.99	9.81	11.01	11.86	9.85	ع (
Netherlands	8.56	7.02	8.19	9.98	11.47	12.15	10.02	
Norway	8.76	7.49	8.51	9.58	10.38	11.68	11.08	10
Portugal	. 1.58	1.66	1.58	1.63	1.68	2.03	1.98	
Snain 6	2.60	2.92	3.26	3.90	5.41	5.96	5.60	4
Sweden	7.18	8.25	8.88	9.85	11.33	12.51	11.80	10
Switzerland 10	6.07	6.42	6.87	9.60	10.60	11.15	10.22	10
Turkey 10	70	.89	.80	1.05	1.11	(7)	(7)	
United Kingdom	3.28	3.12	3.35	4.28	5.49	.29	7.12	
rly compensation costs in national currency <sup>5</sup>								
United States (dollar)		6.93	7.59	8.30	9.07	9.91	10.96	11
Canada (dollar)	6.21	7.10	8.03	8.78	9.55	10.50	11.84	13
		1						435
Brazil (cruzeiro)	9.19	13.80	20.65	30.10	46.66	89.68	200.03	
Brazil (cruzeiro)	9.19 24.01	13.80 29.91	20.65 39.32	30.10 48.37		89.68 87.76	200.03 88.78	
Brazil (cruzeiro)	9.19 24.01				46.66 53.22 11.99			
Brazil (cruzeiro)	9.19 24.01 8.64	29.91 8.75	39.32 9.40	48.37 10.58	53.22 11. <b>99</b>	87.76 14.69	88.78 16.63	143
Brazil (cruzeiro)	9.19 24.01 8.64	29.91 8.75 4.48	39.32 9.40 4.95	48.37 10.58 5.32	53.22 11.99 5.82	87.76 14.69 8.46	88.78 16.63 7.72	143
Brazil (cruzeiro)	9.19 24.01 8.64 3.84 3.56	29.91 8.75 4.48 4.08	39.32 9.40 4.95 4.58	48.37 10.58 5.32 5.28	53.22 11.99 5.82 6.24	87.76 14.69 8.46 7.14	88.78 16.63 7.72 8.24	143
Brazil (cruzeiro)	9.19 24.01 8.64 3.84 3.56 1.57	29.91 8.75 4.48 4.08 2.60	39.32 9.40 4.95 4.58 2.80	48.37 10.58 5.32 5.28 2.90	53.22 11.99 5.82 6.24 2.99	87.76 14.69 8.46 7.14 (7)	88.78 16.63 7.72 8.24 (7)	143
Brazil (cruzeiro)	9.19 24.01 8.64 3.84 3.56 1.57	29.91 8.75 4.48 4.08 2.60 1.90	39.32 9.40 4.95 4.58 2.80 2.81	48.37 10.58 5.32 5.28 2.90 4.49	53.22 11.99 5.82 6.24 2.99 8.41	87.76 14.69 8.46 7.14 (7) 19.42	88.78 16.63 7.72 8.24 (7) 47.72	143
Brazil (cruzeiro)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904	29.91 8.75 4.48 4.08 2.60 1.90 979	39.32 9.40 4.95 4.58 2.80 2.81 1,078	48.37 10.58 5.32 5.28 2.90 4.49 1,155	53.22 11.99 5.82 6.24 2.99 8.41 1,199	87.76 14.69 8.46 7.14 (7) 19.42 1,266	88.78 16.63 7.72 8.24 (7) 47.72 1,361	143 8 103 1,
Brazil (cruzeiro)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176	29.91 8.75 4.48 4.08 2.60 1.90 979 229	39.32 9.40 4.95 4.58 2.80 2.81 1,078 308	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781	143 8 103 1,
Brazil (cruzeiro)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90	39.32 9.40 4.95 4.58 2.80 2.81 1,078 306 3.34	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29	143 8 103 1,
Brazil (cruzeiro)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07	29.91 8.75 4.48 4.08 2.60 1.90 979 229	39.32 9.40 4.95 4.58 2.80 2.81 1,078 308	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781	143 8 103 1,
Brazil (cruzeiro)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10	39.32 9.40 4.95 4.58 2.80 2.81 1,078 3.34 2.86 2.21	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75	143 8 103 1,
Brazil (cruzeiro)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27	39.32 9.40 4.95 4.58 2.80 2.81 1,078 306 3.34 2.86	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7)	143 8 103 1,
Brazil (cruzeiro)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10	39.32 9.40 4.95 4.58 2.80 2.81 1,078 3.34 2.86 2.21	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75	143 8 103 1,
Brazil (cruzeiro)  Mexico 3 (peso)  Venezuela 6 (bolivăr)  Australia 7 (dollar)  Hong Kong 3 9 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.90 2.10 2.04 21.38	39.32 9.40 4.95 4.58 2.80 2.81 1,078 308 3.34 2.21 2.88 24.98	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81	143 8 9 103 1,-
Brazil (cruzeiro).  Mexico 3 (peso)  Venezuela 4 (bolivăr)  Australia 4 (dollar)  Hong Kong 5 9 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)  Austria 3 (shilling)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85	39.32 9.40 4.95 4.58 2.80 2.81 1,078 306 3.34 2.86 2.21 2.88 24.98 85.83	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81	143 8 9 103 1,-
Brazil (cruzeiro)  Mexico 3 (peso)  Venezuela 4 (bolivăr)  Australia 4 (dollar)  Hong Kong 3 9 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)  Austria 7 (shilling)  Belgium (franc)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29	39.32 9.40 4.95 4.58 2.80 2.81 1,078 308 3.34 2.86 2.21 2.88 24.98 85.83 303.20	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81	143 8 9 103 1,- 1
Brazil (cruzeiro)  Mexico s (peso)  Venezuela f (bolivar)  Australia f (dollar)  Hong Kong s f 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)  Austria f (shilling)  Belgium (franc)  Denmark (krone)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07	39.32 9.40 4.95 4.58 2.80 2.81 1,078 308 3.34 2.86 2.21 2.88 24.98 85.83 303.20 43.50	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63 101.83 384.75 59.35	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78	143 8 9 103 1,4 61 117 403 72
Brazil (cruzeiro)  Mexico s (peso)  Venezuela f (bolivar)  Australia f (dollar)  Hong Kong s f 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)  Austria f (shilling)  Belgium (franc)  Denmark (krone)  Finland 11 (markka)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00 18.79	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07 20.09	39.32 9.40 4.95 4.58 2.80 2.81 1,078 308 3.34 2.86 2.21 2.88 24.98 85.83 303.20 43.50 22.28	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39 23.83	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89 26.67	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63 101.83 384.75 59.35 30.54	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78 34.29	1433 8 8 9 103 1, 61 117 403 72 37
Brazil (cruzeiro)  Mexico s (peso)  Venezuela f (bolivar)  Australia f (dollar)  Hong Kong s f f o (dollar)  India (rupee)  Israel f o (shekel)  Japan (yen)  Korea f o (won)  New Zealand f o (dollar)  Pakistan f o (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan f o (dollar)  Austria f (shilling)  Belgium (franc)  Denmark (krone)  Finland f (markka)  France (franc)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00 18.79 19.62	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07 20.09 22.74	39.32 9.40 4.95 4.58 2.80 2.81 1.078 3.34 2.86 2.21 2.88 24.98 85.83 303.20 43.50 22.28 28.09	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39 23.83 29.43	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89 26.67 33.82	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63 101.83 384.75 59.35 30.54 38.99	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78 34.29 44.98	143 8 8 103 1,4 61 117 403 72 37 53
Brazil (cruzeiro)  Mexico 3 (peso)  Venezuela 6 (bolivăr)  Australia 7 (dollar)  Hong Kong 5 9 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)  Austria 7 (shilling)  Belgium (franc)  Denmark (krone)  Finland 11 (markka)  France (franc)  Germany, F.R. 12 (mark)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00 18.79 19.62 15.20	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07 20.09 22.74 16.60	39.32 9.40 4.95 4.58 2.80 2.81 1,078 308 3.34 2.88 2.21 2.88 24.98 85.83 303.20 43.50 22.28 28.09 18.11	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39 23.83 29.43 19.35	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89 26.67 33.82 20.64	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63 101.83 384.75 59.35 30.54 38.99 22.33	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78 34.29 44.98 23.75	143 8 8 103 1, 61 117 403 72 37 53 25
Brazil (cruzeiro).  Mexico 3 (peso).  Venezuela 4 (bolivăr).  Australia 4 (doilar).  Hong Kong 5 9 10 (doilar).  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (doilar).  Pakistan 10 (rupee)  Singapore (doilar).  Sri Lanka (rupee)  Taiwan 10 (doilar).  Austria 7 (shilling)  Belgium (franc)  Denmark (krone)  Finland 11 (markka)  France (franc)  Germany. F.R. 12 (mark)  Greece 4 (drachma)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00 18.79 19.62 15.20 45.16	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07 20.09 22.74 16.60 58.06	39.32 9.40 4.95 4.58 2.80 2.81 1,078 3.08 3.34 2.86 2.21 2.88 24.98 85.83 303.20 43.50 22.88 28.09 18.11 70.19	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39 23.83 29.43 19.35 86.78	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89 26.67 33.82 20.64 104.85	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63 101.83 384.75 59.35 30.54 38.99 22.33 133.12	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78 34.29 44.98 23.75 169.33	143 8 8 103 1,4 403 72 37 53 23 230
Brazil (cruzeiro)  Mexico 3 (peso)  Venezuela 6 (bolivăr)  Australia 7 (dollar)  Hong Kong 5 8 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)  Austria 7 (shilling)  Belgium (franc)  Denmark (krone)  Finland 11 (markka)  France (franc)  Germany, F.R. 12 (mark)  Greece 6 (drachma)  Ireland (pound)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00 18.79 19.62 15.20 45.16 1.38	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07 20.09 22.74 16.60 58.06 1.57	39.32 9.40 4.95 4.58 2.80 2.81 1,078 308 3.34 2.86 2.21 2.88 24.98 85.83 303.20 43.50 22.28 28.09 18.11 70.19 1.76	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39 23.83 29.43 19.35 86.78 2.01	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89 26.67 33.82 20.64 104.85 2.34	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.83 101.83 384.75 59.35 30.54 38.99 22.33 133.12 2.82	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78 34.29 44.98 23.75 169.33 3.35	145 103 1, 61 117 403 72 37 72 23 230 3
Brazil (cruzeiro).  Mexico 3 (peso).  Venezuela 4 (bolivăr).  Australia 4 (dollar).  Hong Kong 5 9 10 (dollar).  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar).  Pakistan 10 (rupee)  Singapore (dollar).  Sri Lanka (rupee)  Taiwan 10 (dollar).  Austria 7 (shilling).  Belgium (franc).  Denmark (krone).  Finland 11 (markka).  France (franc).  Germany, F.R. 12 (mark).	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00 18.79 19.62 15.20 45.16 1.38	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07 20.09 22.74 16.60 58.06	39.32 9.40 4.95 4.58 2.80 2.81 1,078 3.08 3.34 2.86 2.21 2.88 24.98 85.83 303.20 43.50 22.88 28.09 18.11 70.19	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39 23.83 29.43 19.35 86.78	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89 26.67 33.82 20.64 104.85	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63 101.83 384.75 59.35 30.54 38.99 22.33 133.12	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78 34.29 44.98 23.75 169.33	143 8 9 103 1, 61 117 403 72 37 72 32 23 23 3
Brazil (cruzeiro)  Mexico 3 (peso)  Venezuela 6 (bolivăr)  Australia 7 (dollar)  Hong Kong 5 8 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)  Austria 7 (shilling)  Belgium (franc)  Denmark (krone)  Finland 11 (markka)  France (franc)  Germany, F.R. 12 (mark)  Greece 6 (drachma)  Ireland (pound)  Italy (Itra)  Luxemborg (franc)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00 18.79 19.62 15.20 45.16 1.38 3,002	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07 20.09 22.74 16.60 58.06 1.57	39.32 9.40 4.95 4.58 2.80 2.81 1,078 308 3.34 2.86 2.21 2.88 24.98 85.83 303.20 43.50 22.28 28.09 18.11 70.19 1.76	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39 23.83 29.43 19.35 86.78 2.01	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89 26.67 33.82 20.64 104.85 2.34	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.83 101.83 384.75 59.35 30.54 38.99 22.33 133.12 2.82	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78 34.29 44.98 23.75 169.33 3.35	143 8 9 103 1 ( 61 117 403 72 37 53 25 230 3 10,0
Brazil (cruzeiro)  Mexico 3 (peso)  Venezuela 6 (bolivăr)  Australia 7 (dollar)  Hong Kong 5 8 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)  Austria 7 (shilling)  Belgium (franc)  Denmark (krone)  Finland 11 (markka)  France (franc)  Germany, F.R. 12 (mark)  Greece 6 (drachma)  Ireland (pound)  Italy (Itra)  Luxemborg (franc)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00 18.79 19.62 15.20 45.16 1.38 3,002	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07 20.09 22.74 16.60 58.06 1.57 3.636	39.32 9.40 4.95 4.58 2.80 2.81 1,078 306 3.34 2.86 2.21 2.88 24.98 85.83 303.20 43.50 22.28 28.09 18.11 70.19 1.76 4,486	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39 23.83 29.43 19.35 86.78 2.01 5,170	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89 26.67 33.82 20.64 104.85 2.34 5,981	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63 101.83 384.75 59.35 30.54 38.99 22.33 133.12 2.82 6,982	88.78 16.63 7.72 8.24 (7) 47.72 1,361 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78 34.29 44.98 23.75 169.33 3.35 8,455	143 8 8 9 103 1,4 61 117 403 72 37 53 25 230 3 10,6 369 26
Brazil (cruzeiro)  Mexico 3 (peso)  Venezuela 4 (bolivăr)  Australia 5 (dollar)  Hong Kong 5 9 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)  Austria 7 (shilling)  Belgium (franc)  Denmark (krone)  Finland 11 (markka)  France (franc)  Germany F R 12 (mark)  Greece 6 (drachma)  Ireland (pound)  Italy (Iira)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00 18.79 19.62 15.20 45.16 1.38 3,002	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07 20.09 22.74 16.60 58.06 1.57 3.636	39.32 9.40 4.95 4.58 2.80 2.81 1,078 306 3.34 2.86 2.21 2.88 24.98 85.83 303.20 43.50 22.28 28.09 18.11 70.19 1.76 4,486	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39 23.83 29.43 19.35 86.78 2.01 5,170	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89 26.67 33.82 20.64 104.85 2.34 5,981	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63 101.83 384.75 59.35 30.54 38.99 22.33 133.12 2.82 6,982	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78 34.29 44.98 23.75 169.33 3.35 8,455	143 8 9 103 1.1 61 117 403 72 37 53 23 10,0 369 26
Brazil (cruzeiro)  Mexico 3 (peso)  Venezuela 6 (bolivăr)  Australia 7 (dollar)  Hong Kong 5 8 10 (dollar)  India (rupee)  Israel 10 (shekel)  Japan (yen)  Korea 10 (won)  New Zealand 10 (dollar)  Pakistan 10 (rupee)  Singapore (dollar)  Sri Lanka (rupee)  Taiwan 10 (dollar)  Austria 7 (shilling)  Belgium (franc)  Denmark (krone)  Finland 11 (markka)  France (franc)  Germany, F.R. 12 (mark)  Greece 6 (drachma)  Ireland (pound)  Italy (Itra)  Luxemborg (franc)  Netherlands (guilder)	9.19 24.01 8.64 3.84 3.56 1.57 1.44 904 176 2.54 2.07 1.97 1.97 18.18 70.57 39.88 36.00 18.79 19.62 15.20 45.16 1.38 3,002	29.91 8.75 4.48 4.08 2.60 1.90 979 229 2.90 2.27 2.10 2.04 21.38 77.85 271.29 40.07 20.09 22.74 16.60 58.06 1.57 3.636	39.32 9.40 4.95 4.58 2.80 2.81 1,078 306 3.34 2.86 2.21 2.88 24.98 85.83 303.20 43.50 22.28 28.09 18.11 70.19 1.76 4.486	48.37 10.58 5.32 5.28 2.90 4.49 1,155 418 3.83 3.59 2.39 4.13 29.48 90.24 326.56 48.39 23.83 29.43 19.35 86.78 2.01 5.170	53.22 11.99 5.82 6.24 2.99 8.41 1,199 550 4.42 (7) 2.82 3.54 36.53 96.38 352.61 52.89 26.67 33.82 20.64 104.85 2.94 23.00	87.76 14.69 8.46 7.14 (7) 19.42 1,266 858 5.25 (7) 3.15 3.58 45.63 101.83 384.75 59.35 30.54 38.99 22.33 133.12 2.82 6,982	88.78 16.63 7.72 8.24 (7) 47.72 1,361 781 6.29 (7) 3.75 3.97 55.81 110.06 411.16 64.78 34.29 44.98 23.75 169.33 3.35 8.455	143 8 9 103 1,- 61 117 403 72 37 53 25 230 3 10,0 369

Sur footnates at end of table



Table 141. Hourly compensation costs for production workers in manufacturing, selected countries, 1975–82—Continued

Item and country	1975	1976	1977	1978	1979	1980	1981	1982
urly compensation costs in national currency s—Continued		ļ	<b>!</b> :	:	i !	•		
•	29 73	35.93	39.68	43.59	48.57	52.91	59 40	64 8
Sweden (krona)	15.66	16.05	16.46	17.06	17.63	18.68	20.03	21.2
Turkey 10 (lira)	10.00		: 14.45	25.40	34.48	(1)	(7)	(
		1.73		2.23	2.59		3 52	3.8
United Kingdom (pound)	1.47	1.73	1 1. <b>02</b>	2.20	. E.J	. <b>U</b> U	0 02	
erage hourly earnings in national currency 15				:	1 	l		
United States (dollar)	4.83	5.22	5.68	6.17	6.70		7.98	8.
Canada (dollar)	5.06	5.76	6.38	6.84	7.44	8.19	9.17	
Brazil 14 (cruzeiro)	7.35	11.04	16.52	24.08	37.33	71.74	160.02	
Mexico (peso)	18.01	22.59	29.54	34.45	39.57	49.75		104.
Venezuela (bolivar)	1	8.10	8.70	9.80	11.10	13.60	15.40	:
A controlle & Adolles	3.34	3.88	4.30	4.63	5.06	5.62	6.71	. 7.
Australia (dollar)		3.63	4.07	4.69	5.55	6.35	7.32	: 8.
Hong Kong <sup>6 9 18</sup> (dollar)		2.28	2.46	2.54	2.62	(7)	(7)	
India 16 (rupee)		1.33	1.97	3.15	5.90	13.63	33.49	72.
Israel 16 (shekel)		851	929	983	1,027	1,093	1,164	1,2
Japan (yen)		195	260	354	468	560	665	7
Korea 17 (won)		2.47	2.84	3.26	3.76	4 4 7	5.35	
New Zealand 18 (dollar)		2.02	2.54	3.19	(')	(7)	(7)	•
Pakistan 14 (rupee)		1.53	1.60	1.71	1.89	2.13	2.50	i
Singapore (dollar)		1.46	2.06	2.95	2.53	2.15	2.68	i
Sri Lanka (rupee)		18.18	21.26	25.09	31.09	38.83	47.50	52
Taiwan (dollar)	15.47	10.10	21.20	25.08	31.08	30.03	47.50	32.
Austria (shilling)	40.05	43.77	48.03	50.16	53.21	55.86	59.98	63.
Belgium (franc)	143.80	161.00	177.00	188.00	203.00	221.50	243.00	259
Denmark (krone)	30.64	34 04	36.93	41.01	44.82	49.62	54.07	59
Finland 11 (markka)		13.42	14.60	15.69	17.49	19.74	22.25	24
France (franc)		13.37	15.22	17.08	19.21	22.08	25.30	29
Germany, F.R. 12 (mark)	9.74	10.39	11.19	11.76	12.41	13.27	13.92	14
Greece (drachma)		44.66	53.99	66.74	80.50	102.40	30.25	177
Ireland (pound)		1.26	1.42	1.63	1.90	2.26	2.66	2
Italy (lira)	1	1,830	2,310	2,711	3,125	3,722	4,585	5,3
have through	162.90	187.01	204.39	223.00	232.00	248.00	256.00	264
Luxembourg (franc)		1	11.70	12.47	13.09	13.80	14.42	15
Netherlands (guilder)		1	32.69	35.30	36.26	39.75	43.85	48
Norway (krone)			47.83	56.75	64 90	80.19	94.59	-
Portugal (escuda)		1	169	213	259	305	368	
Spain 19 (peseta)			25.70	27.94	30.11	32.68	36.24	39
Sweden (krona)	'	1	12.25	12.69	13.12	13.90	14.90	15
Switzerland (franc)			1		28.73	(7)	(7)	
Turkey 18 18 (lira)		4	12.04	21.17	1.97	2.34	2.59	2
United Kingdom (pound)	1.18	1.38	1.50	1.72	1.87	2.34	2.59	į 2

<sup>1</sup> Preliminary.

<sup>2</sup> Provisional.

<sup>3</sup> Total compensation includes all direct payments made to the worker (pay for time worked, pay for vacations, holidays, and other leave, all bonuses and other special payments, and pay in kind) before payroll deductions of any kind, plus employer expenditures for legally required insurance programs and contractual and private plans for the benefit of employees. In addition, compensation includes other significant taxes on payrolls or employment the payroll as fabor costs. For consistency, compensation our worked for every country.

Converted to U.S. dollars using the average daily exchange rate for the reference year.

5 Average of selected manufacturing industries.

<sup>6</sup> Comp neation excludes contractual and private social insurance expenditure

<sup>7</sup> Not available.

\* Including nonproduction workers other than managerial, executive, professional, and higher supervisory.

Earnings and compensation exclude overtime pay and shift differentials.

 $^{\rm 10}$  Compensation figures shown are the midpoints of estimated average compensation ranges.

11 Including mining and electrical power plants.

12 Including West Berlin.

13 Average hourly earnings do not include the same items of labor compensation in each country. Earnings generally include basic time and piece rates, overtime pay and shift differentials, regular bonuses and premiums, and cost of living adjustments. In some countries, earnings also include bo-

nuses not paid regularly each pay period, private or contractual family allowances paid by the employer, and pay in kind. In general, earnings are computed per hour paid and include pay for time not worked or else are computed per hour worked and exclude pay for time not worked. For some countries, however, earnings include pay for time not worked and are computed per hour worked. For all countries, earnings refer to gross payments made to the worker before payroll deductions for taxes and employee social insurance contributions.

14 Hourly earnings are estimated on the basis of 1974 hourly earnings—derived from annual earnings by assuming 2,068 hours of work per year—and the average earnings trend in all industry since 1974.

18 Hourly earnings are estimated from average daily earnings by assuming 8.5 hours of work per day for Hong Kong, 8 hours for Israel, and 9 hours for Turkey.

Hourly earnings are estimated from average monthly earnings by assuming 190 hours of work per mor. for India and 192 hours for Pakistan

17 Hourly earnings for production workers are estimated on the basis of average hourly earnings for all employees adjusted for the relative level of production worker monthly earnings to all employee earnings.

18 Hourly earnings are the midpoints of estimated production worker earnings ranges (80-9J percent of all employee earnings)

19 Hourly earnings for 1975-76 are estimated on the basis of 1977 manufacturing earnings and the 1975-77 earnings trend for the total nonfarm economy.

SOURCE: Bureau of Labor Statistics, Based on data from national and international statistical publications.



Table 142. Hourly compensation costs and direct pay of production workers in manufacturing, selected countries and years, 1960-82

Item and country	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981 1	1982
Hourly compensation costs in U.S. dollars 3.4							I I			:	-
·	0.00	0.44		0.05	0.00	7.50			004		
United States		3.14	4.18	6.35	6.93	7.59	8.30	9.07	9.91	1 16	11.7
	,	2.28	3.46	6.11	7.20	7.55	7.69	8.16	8.98	9 87	10.7
Japan		.48	.99	3.05	3.30	4.03	5.54	5.49	5.61	6.18	5.8
Belgium	82	1.29	2.06	6.54	7.03	8.46	10.39	12.02	13.18	11.10	8.8
France	82	1.23	1.72	4.58	4.76	5.31	6.54	7.90	9.24	8.32	8.1
Germany, F.R. 5		1.40	2.33	6.19	6.60	7.80	9.65	11.26	12.30	10.54	10.4
Italy		1.11	1.74	4.60	4.38	5.08	6.09	7.20	8.17	7.48	. 7.3
Netherlands		1.23	2.12	6.56	7.02	8.19	9.98	11.47	12.15	10.02	9.9
Sweden	20	1.87	2.93	7.18	8.25	8.88	9.65	11.33	12.51	11.80	: 10.3
United Kingdom	84	1.15	1.49	3.26	3.12	3.35	4.28	5.49	7.29	7.12	6.6
Hourly direct pay in U.S. dollars 4 5	İ		<u> </u>	[						:	!
United States		2.80	3.64	5.29	5.72	6.24	6.79	7.39	8.03	8.84	9.4
Canada Canada		2.13	3.17	5.59	6.56	6.81	6.90	7.34	8.13	8.92	9.7
Japan		.44	.90	2.74	2.95	3.57	4.86	4.84	4.97	5.45	5.1
Belgium		1.03	1.82	5.06	5.46	6.58	8.06	9.33	10.22	8.84	7.1
France		90	1.28	3.31	3.43	3.81	4.68	5.61	6.54	5.88	5.7
Germany, F.R. 5	73	1.21	1.97	5.05	5.31	8.26	7.69	8.95	9.75	8.31	8.2
Italy		.81	1.26	3.25	3.06	3.61	4.33	5.11	5.92	5.52	5.4
Netherlands	59	1.05	1.71	5.04	5.35	6.25	7.60	8.69	9.22	7.62	7.5
Sweden		1.70	2.60	5.57	6.21	6.49	7.10	8.29	9.09	8.52	7.4
United Kingdom	79	1.06	1.39	2.95	2.78	2.91	3.68	4.67	6.16	5.95	5.5
fourly compensation costs in national currency 3.7					i	i	İ	1		İ	İ
United States	2.66	3.14	4.18	6.35	6.93	7.59	8.30	9.07	9.91	10.96	11.7
Canada	2.07	2.46	3.61	6.21	7.10	8.03	8.76	9.55	10.50	11.84	13.2
Japan		173	355	904	979	1,078	1,155	1,199	1,266	1,381	1.44
Belgium		64.00	102.09	239.88	271.29	303.20	326.56	352.81	384.75	411.16	403.5
France		6.05	9.52	19.62	22.74	26.09	29.43	33.62	38.99	44.98	53.6
Germany, F.R. 5	3.53	5.60	8.51	15.20	16.60	18.11	19.35	20.64	22.33	23.75	25.3
Italy	385	695	1.093	3,002	3,636	4,486	5.170	5,981	6.982	8.455	10.00
Netherlands		4.42	7.68	16.54	18.54	20.09	21.56	23.00	24.12	24.92	26.5
Sweden		9.63	15.19	29.73	35.93	39.68	43.59	48.57	52 91	59.40	64.8
United Kingdom	30	.41	.62	1.47	1.73	1.92	2.23	2.59	3.10	3.52	3.6
fourly direct pay in national currency 6.7	i i	i i									
United States	2.41	2.80	3.64	5.29	5.72	6.24	6.79	7.39	8.03	8.84	9.4
Canada		2.30	3.31	5.68	6.47	7.25	7.87	8.59	9.50	10.69	12.0
Japan		159	324	814	874	955	1,012	1,055	1,122	1,200	1,27
Belgium		51.20	80.50	185.65	210.59	235.59	253.42	273.64	298.58	327.56	326.6
France		4.39	7.09	14.16	16.40	16.72	21.08	23.86	27.60	31.63	37.6
Germany, F.R. 5	3.03	4.84	7.19	12.41	13.36	14.52	15.40	16.40	17.70	18.73	19.9
Italy		506	788	2,123	2,538	3.187	3,674	4,244	5,066	6,240	7,31
Netherlands		3.77	6.19	12.72	14.14	15.34	16.42	17.44	18.31	18.95	20.2
Sweden		8.79	13.50	23.09	27.07	28.99	32.05	35.56	38.43	42.91	46.7
United Kingdom	.28	.38	.58	1.33	1.54	1.67	1.92	2.20	2.65	2.94	3.2
Average hourly earnings in national currency 7 8	j										
United States	i 2.26	2.81	3.35	4.83	5.22	5.68	6.17	6.70	7.27	7.98	8.5
Canada		2.12	3.01	5.06	5.76	8.38	6.84	7.44	8.19	9.17	10.2
Japan		153	314	791	851	929	983	1,027	1.093	1,164	1,24
Belgium	29.56	43.54	65.82	143.80	161.00	177.00	188.00	203.00	221.50	243.00	259.0
France	282	3.76	5.99	11.60	13.37	15.22	17.08	19.21	22.08	25.30	29.1
Germany FR *	2.63	4.13	5.99	9.74	10.39	11.19	11.76	12.41	13.27	13.92	14.6
Italy	228	398	615	1,520	1,630	2,310	2,711	3,125	3,722	4.585	5,37
Netherlands	1.85	3.10	4.93	9.80	10.84	11.70	12.47	13.09	13.80	14.42	15.5
Sweden	5.31	_		1							
12 1-	1	7.85	12.01	20.45	24.08	25.70	27.94	30.11	32.68	36.24	39.5
United Kingdom	27	.36	.54	1.19	1.38	1.50	1.72	1.97	2.34	2.59	2.8

<sup>&</sup>lt;sup>1</sup> Preliminally

SOURCE: Bureau of Labor Statistics. Based on data from national and international statistical publications.



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<sup>&</sup>lt;sup>2</sup> Provisional

¹ Compensation includes all direct payments made to the worker (pay for time worked, pay for vacations, holidays, and other leave, all bonuses and other special payments, and pay in kind) before payroll deductions of any kind, plus employer expenditures for legally required insurance programs and contractual and private plans for the benefit of employees. In addition, compensation includes other significant taxes on payrolls or employment that are regarded as labor costs. For consistency, compensation is measured per hour werked for every country

 $<sup>^{\</sup>mbox{\scriptsize 4}}$  Converted to U.S. dollars using the average daily exchange rate for the reference year

<sup>1</sup> Including West Berlin

Direct pay includes pay for time worked, pay for time not worked (vacations, holidays, and other leave), all bonuses and other special payments, and pay in kind, before payroli deductions of any kind, and is measured per hour worked.

National currency units: United States, dollar; Belgium, franc; Canada, dollar; France, franc; Germany, mark; Italy, Iira; Japan, yen; Netherlands, guilder; Sweden, krona; and United Kingdom, pound.

<sup>&</sup>lt;sup>8</sup> Average hourly earnings do not include the same items of labor compensation in each country. Earnings generally include basic time and piece rates, overtime pay and shift differentials, regular bonuses and premiums, and cost of living adjustments. In some countries, earnings also include bonuses not paid regularly each pay period, private or contractual family allowances paid by the employer, and pay in kind. In general, earnings are computed per hour paid and include pay for time not worked or else are computed per hour worked and exclude pay for time not worked. For Japan, however, earnings include pay for time not worked and exclude pay for time not worked. For under the pay for time not worked and exclude pay for time not worked and exclude pay for time not worked. For Japan, however, earnings include pay for time not worked and exclude pay for time not worked and exclude pay for time not worked. For Japan, however, earnings include pay for time not worked and exclude pay for time not worked and exclude pay for time not worked and exclude pay for time not worked. For Japan, however, earnings include pay for time not worked and exclude pay for time not worked and exclude pay for time not worked. For Japan, however, earnings include pay for time not worked and exclude pay for time not worked.

# Table 143. Structure of compensation for production workers in manufacturing, selected countries and years, 1965-79

[Total compensation = 100]

	T	Pay for	Othe	r direct payme	ents to worke	ers *		yer social we expenditures	elfare	Total	Total compen-
	Country and year	time worked <sup>1</sup>	Pay for leave time 3	Bonuses 4	Pay in kind <sup>5</sup>	Total	Legally required insurance	Private benefit plans <sup>6</sup>	Total	compen- sation	sation plus taxes 7
	United States										
1966		82.4	5.6	.6	(*) (*) (*)	6.2	5.5	5.8	11.4	100.0	_
		79.0	6.2	.5	(8)	6.6	6.2	8.2	14.4	100.0	_
		74.8	6.9	0.4	(*)	7.3	7.4	10.4	17.8	100.0	_
	Canada			1 1	l		1	l			
1068	Veneue	84.1	7.0	.3	•.5	<b>9</b> 7.7	3.0	5.2	8.2	100.0	_
		83.1	10 7.7	.2	• 0.6	<b>•</b> 6.5	11 3.8	4.6	8.4	100.0	-
		78.1	8.9	(12)	(12)	• 11.7	4.2	13 6.1	10.2	100.0	_
	Japan 14			1 '1	`					'	
1065	Japan	64.6	3.2	18.2	4.2	25.6	4.8	4.9	9.8	100.0	-
		61.2	3.2	21.3	4.1	28.6	5.2	5.0	10.1	100.0	-
		56.7	4.7	20.3	4.0	29.1	6.9	7.4	14.3	100,0	
1970.		30.7	7.,	20.0	"."			į			
4000	Belgium 18	67.1	16 9.9	1725	.2	12.7	19.7	.5	20.2	100.0	_
			16 12.B	17 3.5	.2	16.5	22.2	.4	22.7	100.0	¦ –
		57.0	16 10.8	9.7		20.6	21.8	.6	22.4	100.0	-
19/6.		57.0	0.0.6	0.7	., 1	20.0	2				
	France 15	20.7	1470	17 2.8	1	11.7	22.0	2.6	24.6	100.0	103.8
	.,,,	63.7	16 7.8	17.2.8	1.1	12.4	22.5	3.5	26.0	100.0	-
		67.2	16 8.4	17 3.0	1.0	14.3	22.1	6.1	28.3	100.0	_
1978.	••••	57.4	19 7.8	5.6	.9	14.3	26.1	0.1	20.5	100.0	
	Germany, F.R 15	_			_	40 =	101	2.3	44.4	100.0	
			16 10.2	17 2.8	.5	13.5	12.1	1.2	14.4 17.8	100.0	
			16 11.2	17 3.5	.3	15.0	16.6	2.3	20.5	100.0	
1978.		59.9	16 10.8	8.4	.2	19.4	18.2	2.3	20.5	.00.0	_
	Italy 15			!	_ }		1		20.0	400.0	İ
		57.0	18 8.5	7.2	.3 .2	16.0	26.0	.9	26.9	100.0	_
1972.	.,, .,,	53.6	1 9.9	8.4	.2	18.5	27.4	.6	27.9	100.0 100.0	_
1978.		51.7	<sup>18</sup> 10.4	8.6	.2	19.2	27.3	1.8	29.1	100.0	_
	Netherlanda 19						1				1
1966.		67.1	10.8	4.7	.7	16.2	10.8	5.7	16.6	100.0	-
		62.4	12.5	4.3	.7	17.5	14.2	5.9	20.1	0.00	-
		57.2	8.2	10.1	.2	18.6	17.5	6.7	24.2	0.0	
	Sweden	İ		1			1				į
1968		80.3	10.3	20.4		10.7	8.3	.7	9.1	100.0	10.7
			9.9	20.2	-	10.2	10.0	.9	11.0	100.0	101.8
			10.9	20.3		11.2	22.6	4.0	26.8	100.0	
	United Kingdom 21	Ī					I			1	
1968	Oliter Kingoom	86.0	5.6	.6	.2	6.3	5.2	2.6	7.8	100.0	98.2
			16 7.8	17.5	.1	8.4	5.9	2.4	8.4	100.0	99.2
			16 8.8	.8	.1	9.7	9.6	5.2	14.8	100.0	99.5

<sup>&</sup>lt;sup>1</sup> Pay for time worked includes basic time and piece rates, plus overtime premiums and shift differentials, other bonuses and premiums paid monthly, and cost-of-living adjustments (in Japan, basic contractual earnings and duty allowances plus overtime pay).

• Including also floating cost-of-living allowances, retroactive pay for the previous year, directly paid retirement allowances and unfunded pension payments, and directly paid supplementary unemployment benefits (plus severance pay in 1978).

10 Excluding personal as well as sick leave.

11 Including some voluntary employer payments for provincial health insurance not yet ruled taxable benefits.

12 Separate data are not available for bonuses, taxable benefits, or other direct pay.

13 including legally required Quebec provincial health insurance tax payments.

14 Data refer to all regular employees in establishments with 30 or more regular employees.
 15 Data refer to production workers in establishments with 50 or more

employees.

is including vacation bonuses (in 1972 and 1966) and severance pay or pay in lieu of notice.

17 Excluding vacation bonuses.

14 Including severance pay or pay in lieu of notice.

19 Data refer to all employees in establishments with 50 or more employees.

20 Personal leave pay, bonuses, and pay in kind.

<sup>21</sup> Data refer to production workers in establishments with 50 or more employees for 1973 and 1978 and in establishments with 25 or more employees for 1968.

Source: National and European Economic Communities publications.



<sup>&</sup>lt;sup>2</sup> Other direct pay excludes direct payments considered social welfare expenditures, such as sick leave pay, family allowances, or supplementary unemployment benefits. For Canada, however, all direct payments except sick leave pay are included.

<sup>&</sup>lt;sup>1</sup> Pay for leave time includes pay for vacations, holidays, and personal leave. Sick leave pay is included in private benefit plans.

<sup>4</sup> Bonuses include all bonuses and premiums not paid monthly, including Christmas or end-year bonuses, summer or vacation bonuses, and special productivity or profit-sharing bonuses.

A Pay in kind includes the cost to the employer of goods or services provided free or at reduced costs, such as food or housing, or cash allowances paid in lieu of pay in kind. For Canada, pay in kind consists of room and board and other pay in kind considered "taxable benefits," including also employer payments to provincial health insurance plans for which the employee is legally responsible (for 1971 and 1978).

<sup>5</sup> including contractual as well as private plans.

<sup>&</sup>lt;sup>7</sup> Total compensation costs plus general revenue payroll taxes for France and Sweden; for the United Kingdom, total compensation costs less subsidies (employment premiums) received from the selective employment tax (SET) fund in 1968 and from the regional employment fund in 1973 and 1978

<sup>\*</sup> Not included

Table 144. Indexes of real hourly and weekly compensation in manufacturing, 1 selected countries, 1950–82

Item and year	United States	Canada	Japan	Belgium	Denmark	France	Germany F.R. <sup>2</sup>	Italy	Nether- lands	Sweden	United Kingdor
leal Hourly											!
Compensation	_										ļ.
1950	54.0	40.0	19.4	(3)	31.1	28.8	18.8	21.9	20.8	29 3	44
1951 1952	55.1 57.4	41.0	21.3	(3) (3)	31.3	31.4	20.0	21.9	20.9	29.7	43
1953	60.1	43.9 48.5	23.4 23.0	(°)	32.9 33.7	32.7	21.0	22.6	22.0	32.2	44
1954	62.5	48 8	23.7	(3)	34.9	34.2 36.3	22.4   23.1	23.8   24.1	22.7 23.9	33.6 34.1	45. 46.
1955	65.2	50.3	25.1	(3)	34.7	38.5	!	,			
1956	68.3	52.3	28.1	(3)	35.4	41.4	24.3 25.6	25.4 26.1	25.7 28.3	35.4 36.3	48 49
1957	89.9	54.0	28.5	(a)	36.8	41.8	28.0	26.6	29.5	37.1	51
1958	71.1	55.4	27.2	(3)	38.2	40.7	29.8	28.6	30.2	38.3	52
1959	73.2	56.9	29.9	(3)	40.1	40.5	32.0	27.7	30.6	39.7	54
1960	75.1	59.1	31.9	32.2	42.2	42.3	35.2	29.2	32.0	41.0	57
1961	76.4	60.1	35.2	33.8	45.4	45.1	38.6	31.4	36.1	44.0	59
1962 1963	78.4 79.8	61.1	37.6	35.8	46.3	47.4	42.4	35.2	37.7	46.9	60
1964	82.0	62.3 63.5	39.1 42.3	38.8 { 41.5 }	47.8 ¦ 49.8 ¦	49.7	43.9	38.8	40.2	50.4	61
1965	82.3	85.0	44.3		I	51.9	46.1	40.9	44.0	53.1	64
1966	83.5	87.6	46.4	44.2 47.0	52.0 55.3	54.5 56.7	49.2 51.4	42.0	47.4	55.8	67
1967	85.3	70.3	50.0	50.0	57.7	59.7	53.4	42.9 46.8	50.3   53.8	57.4 61.1	70 72
1968	87.7	72.5	55.3	52.0	58.8	64.8	55.9	49.3	58.0	65.0	73
1969	89.1	74.8	62.3	54.9	64.0	65.4	59.5	54.7	61.2	68.3	76
1970	89.8	77.6	68.8	59.7	68.5	89.7	67.0	62.3	67.6	71.7	81.
1971	91.4	81.2	74.9	65.6 j	74.4	73.8	71.8	68.4	71.9	74.4	84
1972	93.2	83.1	82.6	72.2	77.3	77.6	75.3	74.2	76.4	78.3	89
1973 1974	94.1   93.8	85.1	90.6	78.9	85.9	82.5	79.5	85.1	84.3	81.0	91.
1075	1	88.9	98.5	85.7	90.1	86.7	85.6	88.8	91.7	86.8 j	98
1975 1976	96.2 98.3	91.6 97.3	101.1	92.3	98.1	92.3	90.7	97.7	95.1	95.9	103
1977	100.0	100.0	98.5 100.0	95.6 100.0	100.5 100.0	96.1	93.7	100.4	98.3	102.6	103
1978	100.6	97.9	101.6	103.4	100.0	100.0   103.4	100.0 105.8	100.0   101.9	100.0 104.4	100.0   103.2	100 107
1979	99.2	98.8	104.4	106.5	102.1	106.0	109.4	103.5	108.0	104.3	112
1980	97.7	98.8	103.2	109.5	100.8	106.9	113.0	101.8	106.5	101.8	118.
1981	97.6	97.5	105.2	110.0	98.6	108.4	114.7	104.5	104.5	102.1	123.
1982 •	102.3	97.7	105.8	(3)	98.9	114.8	114.8	106.1	(3)	97.3	123.
eal Weekly Compensation				:	ļ		į				
	540	40.4		!		i			]	· ·	
1950 1951	54.2 ÷ 55.4 ·	43.4 43.8	20.9 23.4	(3)	41.9	32.3	24.5	27.2	25.8	38.9	50.
1952	57.8	46.3	26.0	(3) (3)	41.6 43.6	35.4	26.0 27.3	27.6	25.9	39.8	50.
1953	60.3	49.3	25.8	(1)	44.4	36.3 38.0	29.1	28.4 30.2	27.2 28.2	42.9 <sub> </sub> 44.2	50. 52.
1954	61.6	50.8	26.5	(3)	48.1	40.7	30.3	31.0	29.8	45.0	54.
1955	65.6	52.8	28.4	(3)	45.9	43.3	31.7	32.4	32.1	46.7	56.
1956	68.3	55.0	30.4	(3)	46.4	48.3	32.7	32.9	35.1	47.1	57.
1957	69.1	56.1	30.8	(3) i	48.0	47.0	34.0	33.8	36.5	48.2	59.
1958	69.5	57.5	31.2	(a)	49.6	45.2	35.4	33.4	37.4	48.9	60
1959	72.9	59.5	35.0	(3)	50.7 į	44.8	37.8	35.2	38.1	50.0	82
1960 1961	74.1	61.3	37.7	39.9 j	52.8	47.4	41.5	37.6	40.3	51.2	65.
1962	75.5 ¦ 78.3 :	62.0 ± 83.8 ±	40.9 42.7	41.7 43.6	55.3	50.8	44.6	40.0	43.8	54.5	67.
1963	79.9	65.2	43.9	47.5	56.8 57.7	53.4 55.8	47.8 48.7	43.5 48.1	45.2 48.0	57.5 61.1	67. <b>68</b> .
1964	82.7	66.7	47.3	50.8	60.7	57.9	51.4	48.4	52.0	63.8	72.
1965	83.9 <sup>†</sup>	68.3 ;	48.5	53.7	83.2	60.2	54.3	48.1	55.9	66.5	74.
1986	85.5	70.5 i	51.1	56.6	68.0	62.8	55.9	50.7	58.9	68.4	7 <b>6</b> .
1967	86.1	72.9	55.2	59.1 ÷	68.1	65.5	56.6	55.5	62.6	71.6	77.
1968	88.8	75.2	60.8	61.5	87.8	69.0	60.9	58.5	66.2	74.7	80.
1969	89.8	77.0	67.4	64.8	72.8	71.5	64.9	62.1	68.9	77.1	82.
1970	89.0 ;	79.8	73.5	68.7	75.5	75.3	72.8	70.8	74.7	79.2	86.
1971 1972	90.7	83.0	78.8	73.9	81.8	79.2	78.0	74.4	78.8	81.9	68.
1973	93.9 95.0 {	84.9 86.5	86.4   94.1	79.6   84 7 :	83.1	82.4	79.1	78.3	82.3	84.0	92
1974	93.3	89.7	95.7	90.0	87.4 } 93.5 (	88.7 89.6 ‡	83.2 86.9	88.9 89.8	89.3	85.2	95. 98
1975	94.5	91 4	97.6	91.4		•			93.9	90.3 !	98.
1976	97.7	97.3	98.2 i	97.2	98.5 101.4	93.4 97.1	89.2 95.2	93.5 99.5	95.8 98.6	97.8 ·	102. 102.
1977	100.0	100 0	100.0	100.0 į	100.0	100.0	100.0	100.0	100.0	103.4 · 100.0 ;	102.
1978 .	100.8	98.1	102.3	103.7	98.9	102.7	104 4	101.7	103.2	100.5	107.
1979	98.8	98.4	106.1	106.9	100.8	105.0	107.4	102.2	105.6	999	111.
1980	96 3	97 9	104.9	107.2	100.2	105.4	109.4	100.6	104.9	96.4	112.
1981	96 1	96 2	106.3	105.2	98.0 1	106.3	109.1	101.0	102 9	96 1	114.
1982 *	993.	95.7	106.7	(3)	98.5	107.4	108 7	101.7	(a) i	92 4 '	117.

<sup>&</sup>lt;sup>1</sup> Average hourly or weekly compensation adjusted for Changes in consumer prices since the base period. The data relate to all employed persons in the United States and Canada, and all employees in the other countries.

SOURCE: Bureau of Labor Statistics Based on data from national and international publications.



<sup>&</sup>lt;sup>2</sup> Including West Berlin

<sup>&</sup>lt;sup>a</sup> Not available.

<sup>\*</sup> Preliminary

Table 145. Indexes of consumer prices, selected countries and years, 1950-82 [1967 = 100]

Country and index	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 1
					In	dexes	of con	sumer	prices	, total	and se	elected	categor	ies ²		· -	
Inited States																	000
Total,	72.1	80.2	88.7	94.5	118.3	121.3	125.3	133.1	147.7	181.2	170.5	181.5	195 4	217.4	246.8		289
Food		81.6	88.0	94.4	114.9	118.4	123.5	141.4	181.7	175.4	180.8	192.2	211.4	234.5	254.6	274.6	285
Apparel and upkeep		84.1	89.8	93.7	118.1	119.8	122.3	126.8	138.2	142.3	147.8	154.2	1	166.6	178.4	186.9	191
Housing		_	_	l —	118.2	128.4	128.1	133.7	148.8	164.5	174.8	188.5	202.8	227.6	263.3	293.5	314
Shelter		79.1	87.8	93.8	123.8	128.8	134.5	140.7	154.4	189.7	179.0	191.1	210.4	239.7	281.7	314.7	337
Transportation		77.4	89.8	95.9	112.7	118.6	119.9	123.8	137.7	150.8	165.5	177.2	185.5	212.0	249.7	280.0	291
vetralia <sup>3</sup>																	
Total	. 49.0	73.8	88.2	94.1	109.8	118.4	123.3	134.9	155.3	178.7	202.9	227.9	245.9	268.3	295.5	324.2	360
Food at home		73.7	84.7	93.9	107.8	111.8	118.1	133.8	154.2	165.8	186.1	207.8	227.4	259.1	291.8	318.7	343
Clothing and drapery	• [	84.5	91.5								214.2	243.2	264.0	282.3	301.4	323.9	345
Shelter		60.5	75.4	92.0	118.7	125.3	134.6	145.5	187.5	199.8	232.0	258.3	277.3	295.8	321.8	355.8	396
Si reiter	72.5	00.5	70.4	02.0		1.20.0		10.0									
\ustria	1	•		}	l	1		1	l					404.0	2000	0474	200
Total		-	77.7	94.1	110.6	115.8	123.1	132.4	145.0	157.2	168.7	178.0	184.4	191.2	203.3	217.1	229
Food •		_	78.4	95.0	109.5	113.7	120.3	129.7	140.5	149.4	158.2	168.1	173.8	178.4	186.5	197.4	206
Clothing		_	85.7	95.8	104.8	108.3	113.8	122.2	133.5	141.7	149.1	156.0	181.2	166.7	178.3	183.2	188
Housing and laundry 5		_	78.5	93.3	113.7	121.9	129.7	140.8	156.1	174.4	191.7	200.5	206.7	215.7	233.2	254.1	271
Sheiter			70.3	89.3	125.5	141.0	156.3	177.9	195.1	221.8	257.2	274.5	288.8	302.8	320.5	344.8	378
Transportation		-	71.7	88.1	111.5	114.1	124.7	132.4	149.8	181.4	173.9	184.1	192.1	202.4	218.8	236.8	247
Belglum	}	ļ								l			0000	244.0	225.3	242.5	263
Total 4	87.9	75,4	82.3	93.3	110.7	115.5	121.8	130.3	146.8	165.8	180.7	193.8	202.2	211.3 192.7	199.7	211.7	23
Food	··  -	75.3	80.8	93.0	110.1	712.2	119.7	129.2	141.3.	157.2	177.2	189.1	191.0	102.7	100.7		
Canada									l		4-0.4	1050	000 5	224.0	243.5	273.9	30:
Total	89.1	78.1	<sup>7</sup> 86.7								172.1		1 _ :	221.0	ı	323.0	34
Food	—	-	7 84.8	92.8	10.0	111.2	119.7	137.2	159.5	180.1	184.9	200.3	231.4	261.8	289.9	209.4	22
Clothing	—	-	7 85.0	91.7	107.8	109.4	i   12.3	117.8	129.1	136.9	144.4	154.3	160.2	174.9	1	i	30
Housing	—	-	7 88.2	93.2	115.4	120.8	1 26.3	134.4	148.1	160.7	178.5	195.3		224.8		273.1	1 .
Shelter		-	7 85.1	92.8	120.7	127.4	134.4	143.8	153.8	166.8	185.8	202.9	217.8	230.0	1	271.8	304
Transportation	–	-	7 89.4	93.7	111.8	118.1	119.2	122.3	134.5	150.3	166.4	178.0	188.4	206.7	233.1	278.0	314
France * ;												044.5	0000	259.1	294.2	333.8	37
Total	45.3	59.0	78.8	94.8	1117.1	1 123.5	131.1	140.7	160.0	178.8	196.1	214.5	1	1		338.0	37
Food	48.6	59.8	77.7	95.7	116.1	1 123.5	133.2	145.8	164.1	182.8	202.5	228.1	1	268.7	1	•	31
Clothing	57.3	89.6	85.2								181.0		1	240.0	1	291.7	
Housing		·  —	74.3	92.4	1 19.7	126.4	132.5	140.2	162.3	180.6	199.3	218.2		283 7		356.6	1
Rent	17.0	36.3	59.2	87.7	125.8	3 132.7	'  140.4	151.6	163.2	180.2	<b>20</b> 1.3	219.8		285.3	1	338.9	373
Transportation		59.2	79.7	93.8	122.4	l  130.6	136.6	143.7	170.1	192.0	213.8	234.1	257.3	291.5	337.4	384.3	43
Germany, F.R. <sup>10</sup>													4000	100 0	176 0	186.2	19
Total	68.7	75.7	82.8	94.9	107.0	)   112.E	3  118.9	127.1	136.0	144.1	150.2	155.8	I	1	1	1	1
Food	87.0	77.8	84.9	97.1	1,603.1	3  107.7	7   113.E	3 p22.5	128.3	1 35.0	141.1	148.0		I .	1		1
Clothing	81.9	79.1	86.5	96.2	105.	1  111.3	3  118.0	128.6	136.3	143.2	148.1	155.2			1		1
Housing	–	.  —		92.7	/   111.0	3  118.1	1 124.1	i †132.7	143.4	153.7	160.8	185.5	1 .	1		!	
Shelter	49.9	55.0	65.7	86.8	119.	126.3	3  133.8	141.8	148.9	158.6	168.5	172.1	1	1		l .	1
Transportation	64.4	76.9	85.1	93.2	105.	3 112.4	1 20.0	129.1	142.1	151.0	157.5	160.8	165.5	173.2	183.9	197.1	20
Italy														000	400.0	474.0	55
Total	11 64.5	5 87.9	74.8	5 94.7	7  109.:	2   114.	5  121.0	0  134.2	159.8	186.	218.3	258.5		1			1
Food	11 66.7	7 72.0	76.8	96.3	3 107.	5  111.6	3  1 18.9	9  133.2	2 p 56.8	185.2	2 218.8	258.7	1		t	1	1
Clothing	11 77.5	5 77.9	80.5	5 97.	3  110.4	B  117.!	5 124.7	7 139.7	187.8	194.0	225.8	278.9		1	1	1	
Housing 5	11 56.4	·  58.8	72.7	7 94.9	9   110.	9   118.0	120.2	2 128.4	1 152.8	173.0	3 196.6	3 231.8			,		
Rent 12	11 31.1	1 35.4	1								9 179.1				1		1
Transportation	11 82.0	64.8	74.7	7   93.1	109.	2 115.	/ n21.0	). <b>36</b> n a	73.7 ון כ	207.	5 263.3	307.9	334.8	386.5	, 400.8	, 500.5 	
Japan	. <b>-</b> -			, ,		2 . 20	8 400	0 440	182	b04	5 222 7	241.8	252.1	261.5	281.6	295.6	30
Total	· ·	1 -		/   91.	9 [19.	3 128.	9 133.	U  148.	103.0	PO4.	5 223.7	257 4			1		Ί
Food			1	91.0	b [123.	U [130.	135.	D [153.]	1 105.	P420.	9 241.0	257.1	1	1	1		1
Clothing				93.	9 JI 19.	1 129.	в п 36.9	H 166.	3 KO2.1	217.	5 233.6	248.0		1			
Housing 13		1		5 90.	9 H 14.	9   120.	5 125.	4 p 37.1	y ⊓ 37.8	η /4.	3 185.1	195.9			1		1
Rent	11.8	30.6	51.6	84.	2  122.	2 þ 33.	2   148.	1 160.	72.4	լ 190.	8 210.1	231.7					
Transportation	38.0	81.7	89.	6 82.	5   116.	5 JI 20.	7 p26.	7 [134.	т ∏ 47.4	₊ p 70.	2 JI 86.2	:   201.3	224.2	2 237.4	4   252 6	5  261.2	. 1

See tootnotes at end of table.



Table 145. Indexes of consumer prices, selected countries and years, 1950-82—Continued [1987 = 100]

Country and index	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1978	1977	1978	1979	1980	1981	1982 '
Netherlands																	
Total	58.2	885	14 77.7	014	1155	124 3	134.3	145 2	150 4	75 2	1000	200 0	240.0	004.0	007.4	050.5	
Food			14 77 1		1127	1180	125.8	135.0	1447	155.0	171.7	203.8		221.9		I .	
Clothing	78.2		471.0	91.0	1180	127 7	137.6	150.9	174.7	100.5	200.0	218.0		187.7	1		
Housing	50.2		14 82.2	93.4	1148	124 2	132.8	1420	158.8	172.0	100.0	201.4		240.5 224.2	1		
Shelter	38.8		14 74.6		121 2	132 A	144.7	157 8	171 1	182 4	202.7	218.6	1	245.8			
Transportation	57.0		14 75.2	87.7	110.7	122.6	134.C	142.2	155.4	167 A	182.3	192.8	197.3	207.0			
Sweden	Í								100.1	107.0		132.0	187.5	207.0	223.8	240.4	255
Total	47.9	62.6	75.4	<b></b>							ļ				1		i
Food •	40.8	82.8 57.8	75.4	90.1	112.0	120.3	127.5	138.2	149.8	164.3	181.1	201.8		238.0		,	329
Clothing	64.9	78.3	70.0 83.3	90.0	113.4	123.8	135.0	142.8	151.8	189.5	191.3	219.3	1	253.0		324.4	384
Housing 18	49.8	63.4		92.2	102.4	111.3	117.7	120.9	128.5	141.9	153.9	164.1		183.8	1	1	219
Shelter	49.0	55.2	79.0	90.5	20.2	124.2	129.3	141.8	165.0	177.0	193.7	217.3	238.9	282.1	314.9	1	389
	44.5	55.2	70.8	88.8	123.7	125.9	132.2	141.1	155.3	167.8	180.7	203.8	219.4	238.3	274.6	310.8	329
United Kingdom														ĺ			
Total	53.0	69.3	78.9	93.9	117.4	128.5	137.8	150.3	174.3	218.5	252.4	292.4	318.8	359.0	423.6	473.9	514
Food at home		74.7	81.9	94.2	118.2	131.3	143.0	164.5	194.0	243.8	292.4	348.0	372.7	417.5	468.0	507.5	547
Clothing	89.3	82.1	87.3	100.0	110.8	118.4	126.9	138.9	163.2	187.5	207.0	234.9		279.2	306.4	310.7	314
Housing <sup>5</sup>		60.3	74.7	91.8	117.0	127.8	138.0	149.3	189.9	208.7	240.0	274.7		341.5	421.5	488.9	538
Shelter		51.8	89.8	89.8	117.5	128.3	141.8	158.4	177.1	210.0	239.7	270.8	290.2	349.8	451.0	532.5	599
Transportation	··   -	16 70.3	83.1	95.1	117.7	131.2	138.9	147.1	173.1	224.4	258.9	296.8	323.1	379.2	450.3	503.2	535.
						<u> </u>	in	dexes	of cor	sume	r price	s, total		<u></u>	<u></u>	L	L
Argentina (Buenos Aires)	1.8		20.7	50.7	1400	404.7					<del>-</del>	·			I		I
Brazil (Sao Paulo)	7	4.1 1.5	4.8	50.7	192.0	220.7	302.5	200.5	003.5	1,/0/	9,2/1		70,508		387,372	1	1
Denmark	49.0	60.0	87.0	92.0	1101	128.0	260.2	140.5	3/5.4	488.9	561.8	929.8	1,286	1,932	3,438	8.728	12,71
gypt		72.4	77.7	01.2	118.1	145 4	134.3	100.0	109.2	185.5	202.2	224.6	247.3	271.0	304.4	340.0	374.
ndia		45.0	58.1	70.7	107.0	110.1	117.5 117.4	122.0	135.9	149.0	104.3	185.2	205.8	228.2	272.8	301.2	343.
reland	52.7	67.0	78.5	04.1	121.7	1225	144.1	137.2	1/0./	100.0	1/2.1	186.8	191.3	203.5	226.7	258.4	278.
srael		53.4	64.6	01 1	1110	1243	140.3	160.4	225 2	227.6	420.0	304.3	327.5	370.8	438.4	527.9	818.
		55.4	04.0	•	' ' ' ' '	124.5	140.5	100.3	235.2	327.0	430.2	579.2	872.3	1,555	3,592	7,788	17,18
Corea	8	24.4	39.8	81.0	144.7	164.2	183.5	189.2	235.3	294.7	339.8	374.3	428.2	506.8	652.2	791.1	848.
Aexico 17	41.3	83.8	84.9	93.1	111.0	117.1	122.8	137.9	70.8	196.2	227.2	293.3	344.1	406.7	513.7	657.6	1,04
Norway	48.8	66.4	76.0	92.8	118.0	125.4	134.4	144.4	158.0	178.5	192.8	210.1	227.2	238.0	264.0	300.0	334.0
pain	. 37.9	43.8	62.9	88.5	113.3	122.8	132.8	148.0	171.2	200.3	235.5	293.2	351.2	406.3	469.4	537.7	815.
witzerland	88.0	73.8	78.3	91.8	108.8	115.9	123.6	134.5	147.8	157.5	160.2	182.3	164.0	189.9	178.7	188.3	198.
aıwan	23.9	53.5	84.3	94.9	115.7	118.6	124.4	40.6	81.7	170.2	174.4	186.7	197.5	218.7	257.9	300.0	311.
/enezuela (Caracas)	86.8	86.8	92.1	98.3	106 3	109 7	112.9	178	273	140 3	1510	182.7	174.3	195.8	241.1	278.5	303.9

<sup>1 1982</sup> preliminary for Brazil and Egypt.

SOURCE: National and international statistical publications.



<sup>&</sup>lt;sup>2</sup> Index categories are the same as U.S. categories unless otherwise indicated

<sup>&</sup>lt;sup>3</sup> For the three component categories, indexes for the Australian fiscal years 1950 through 1966 are presented as the indexes for the respective chronological years.

<sup>\*</sup> Excluding alcohol for Sweden and, prior to 1966, for Austria.

<sup>&</sup>lt;sup>5</sup> Published indexes have been adjusted or aggregated by BLS for comparability of items covered.

<sup>&</sup>lt;sup>6</sup> Excluding rent and several other services prior to 1976.

¹ 1961

<sup>\*</sup> Paris only prior to 1965

<sup>&</sup>lt;sup>9</sup> Excluding footwear 1950-56, including household linen through 1970.

<sup>10</sup> Excluding the Saar, 1950 and 1955; including West Berlin beginning 1965.

<sup>11 1953.</sup> 

<sup>13</sup> Including household fuels beginning 1977.

<sup>13</sup> Including rent, repairs, and furnishings, but excluding imputed rent and utilities

<sup>14</sup> April through December.

<sup>18</sup> Excluding household furnishings and equipment.

<sup>16</sup> January 1956.

<sup>3.7</sup> Covering only food, clothing, utilities, and household goods in Mexico City prior to 1969.

Table 146. Indexes of wholesale or producer prices, selected countries and years, 1955-82

[1967 - 100]

907 - 1003	_															
Country and index	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	. 1 <b>9</b> 81 .	1982
nited States	Ì		i	•	:		•									
Producer (wholesale) price	:													000.0	000.4	200
index, total	87.8	94 9	96.6	110.4	113.9	119.1	134 7	160 1	174 9	1830	1942	2093	235 6	268 8	293 4	299.
Finished goods 2		93.7	95.7	110.3	113.7	.117.2	.127.9	147.5	163.4	170.6	1817	1959	2177	247 0	269 8	280.
Finished consumer	;				1										0.74.0	000
goods	88.5	94 5	96.1	109.9	112.7	116.6	129.2	149.3	163.6	169.7	180 7	194.9	2179	248 9	2/12	280
Food		92.1	OF 4	1125	11157	1217	1464	166 9	181 Ú	180.4	189.9	20/2	2202	239 5		259
Other	(3) 1	(3)	(3)	107.7	111.4	<u>.</u> 113.4	-118.5	138.6	153.1	162.6	174.3	186.7	2115	250 8	2/6.3	287
Finished producer	` ' '		:	:	i		1									220
goods	76.7	91.7	94.4	112.0	116.6	. 119 5	123.5	141.0	162.5	173.4	1846	199.2	2165	239.8	264.3	279
Intermediate materials	1	95.6	96.8	109.8	114.0	118.7	131.6	162.9	180.0	189.1 ·	201.5	215.6	243.2	280.3	306 0	310
Crude materials for further				i	1	1	1								200.1	240
processing	97.1	97.0	99.3	112.2	115.0	127.6	174.0	196.1	196.9	202.7	209.2	234.4	274.3	304 b	329 1	319
processing			:	ł		•	1	:								
anada			<b>?</b>	i	!	į	;	•	:	; ;						
Industry salling (producer) price			1	:	4	1						0400	. 0 4 4 0	070 5	204.2	319
Industry selling (producer) price index for manufacturing, total	4 87.8	91.2	95.4	108.5	110.6	-115.6	128 5	152.8	170.0	178.8	192.8	,210.6	241.0	2/3.5	301.3	313
Food and nonalcoholic bev-																333
erage industries	(3)	5 87.2	93.9	109.5	112.9	123.0	: 150.7	177.9	195.7	198.4	212.1	235.8	205.9	294 0	319.1	316
Other industries		<sup>5</sup> 92.1	957	108 1	i 1 10 0	i 113.8	123.5	147.2	164 2	174.3	188.4	205.1	235.5	200 0	-201.1	
Wholesale price index, total 6		87.4	94.8	1108.4	109.8	117.5	142.7	: 174.7	186.1	, 194.0	. 211.9	,231.0	, (a)	(a)	(3)	
Fully and chiefly finished	 	j	ì	1		ì	i	-		1	ï	•	•	/25	(3)	
goods	81.9	88.3	95.3	108.8	112.8	121.0	;139.4	166.8	183.7	193.9	211.0	232.2	į (3)	( <sup>3</sup> )	(3)	
Crude and partly processed	)	ì	ł	1		1	1	:	1	i			475	. (2)	(3)	
goods, including raw food	85.2	85.2	93.9	107.7	103.9	110.7	149.3	190.3	190.8	193.4	212.5	227.9	. (3)	(3)	(3)	
rance	! <b>!</b>		i		1	ļ	ì	i	į	;	:	1	i			
	1	1	İ	1			1	1	į	:	(	1				ĺ
Wholesale price index for raw	1		1	ì		1	i i	1		1	1	!	:			
materials and semifinished	66.0	87.3	i gan	1186	124.6	131.7	148.7	183.1	165.4	·201.0	216.8	229 1	255.4	,281.8	321.4	36
goods, total 7	l	88.3	000	14470	140 E	125.0	· 147 4	1852	11746	1187.5	198.0	1200.0	234.1	234 /	202 3	31
Industrial goods		88.9	1 070	1445 4	11107	1126.2	⊸ 1 <b>∆</b> ∩ 1	1788	11769	186.8	195.0	200.0	1233.7	, 230.2	203.0	32
Semifinished goods		86.0	001	122.7	11188	. ⊤121 B	1153.1	203 9	∷167.8	1189.6	204.0	1200.1	Z35.1	230.0	213.0	29
Raw materials		96.9	074	122 6	14262	14300	1442	1209.3	1234.9	: 258.1	200.0	<b>⋾</b> Ј∪0.∠	ີ , ວວວ.7	437.2	, 331.3	
Energy products	!	81.9	98.0	119.8	128.8	141.3	161.5	166.2	182.4	199.8	220.4	234.8	248.3	250.0	. 286.1	32
Germany, F.R.*						İ				!		1	:	!	ι	
	ł	1		1		ļ.	- [	į	•	İ	!	1				
Index of producer prices, manu-	00.5	024	00 3	1063	110 7	/ <sup>1</sup> 113.3	121.0	⇒ 137.2	141.7	146.7	150.8	, 152.0	159.8	171.0	181 3	19
facturing industries, total																
Primary and producer	00.6	100.1	101.5	1046	107.2	107.2	116.6	144.0	142.7	148.4	<sup>1</sup> 148.1	147.1	162.6	181.4	199.0	, 20
goods industries	. 99.G															
Investment goods indus-	1 04 7	906	. 00 1	:1112	1183	1 121 5	126.6	138.4	148.6	1153.7	159.4	. 162.9	167.7	175.8	183.0	19
tries																
Consumer goods indus- tries 9	; 004	90.5	. 08 4	105.6	100.2	. 1133	i i . 121 7	135.9	1 139.6	144.0	148.2	150.6	\$ \ 158.0	169.8	178.2	18
tries *	. 86.1	00.5	90.1	105.4	105	, į 1 13.5		100.0	1	!		1	,			-
Food, beverage, and tobac- co industries			່ວາດ	1016	1 105 6	109 8	1119.0	125.8	130.6	135.2	្ញុំ 144.5	i <sup>1</sup> 143.3	3 <b>∤143.</b> 9	1473	154 1	16
Basic materials selling price index, total 10	. 01.0	. 071	102 4	: 105.2	106	1 . 109 7	7 121.2	144.5	.144.8	, 154 4	155.8	151.7	1165.3	185 9	. 206.2	21
index, total "	. 91.9	, 87.1	102.4	100.	- 1.00.	, , , , , , , , , , , , , , , , , , , ,	,		:			!			•	
Italy		!		:	!	:	•		i		t i	-	;			
· · · · · · · · · · · · · · · · · · ·	976	. 86 5	1 98 7	, ; , , , , ,	1115	7 120 4	1 141 9	199.8	3 216.9	:266.5	្ន់310.7	1 336.8	3   389.0	)   466 8	5443	61
	90.5	. B6 /	90.5	114	7 1120.1	8 - 127.1	1 143.E	3 182.7	7 ;222.6	257.2	299 1	330.8	3 :371 7	7 439.8	525.1	, 60
Finished capital goods					-	•	•									
Materials for further proc-	01 6	90.5		3 ,110 (	9 ,1:3	0 1164	4 , 143 7	7 220.1	1 ,227.7	282.9	322.5	343.	1 ,409 9	a 503 5	5917	66
essing	510	. 09		, , , , , , ,	1	1				:		-	:			
Japan		•			1			4 4044	e 460°	, 1797	182 1	1 177	7 190 4	4 22:	227.5	5 2
Wholesale price index, total 11	898	92 2	95 (	107.	B 107.	2 108.2	2 125.4	1 164.t	8 169 7	1/0/	102	101	n 195 '	3 210	16 2	2 2
Finished consumer goods	. 82 1		95.0	114	1 117	2 119.4	1 1321	1 101.5	5 172 2	. 103 3 1 242 4	225	2007	7 231 (	246	3 _567	, 2
Food	( ' )	(3	92 9	9 118	8 124	8 127.7	/ 141 /	7 1/34	4 192 1	, 4EE ^	150	) 4571	, <u>-</u> 01 (	4 176	7 178 4	1
Other	. (')		97	7 107	8 108.	3 109 (	5 121 2	2 148 (	0 1517	1 130 0	150	~ 15/: ~ 152:	6 155	5 162	6 166 3	3 1
Finished capital goods	91 1	100.4	4 98	7 ,103.	1 ,103.	4 103 9	g 113.	5 14Z.C	8 1473	. 1400	1314	. 133		UL		•
									4 1773	1000	102	1 195	n 204 i	a 257 (	a 260 2	2 2
Materials for further proc-				- 400	4 402	4 104/	~ 12B	7 1737	a 1//3	109.2	193.	100	U EU41	(	, 200 2	-
Materials for further proc- essing .		94 (	94	/ 106	1 , 103	4 104.	J 120	, ,,,,,	•							
	91 9	94 (							0 156 5							

See tootnotes at end of table



Table 146. Indexes of wholesale or producer prices, selected countries and years, 1955-82—Continued

Country and index	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1960	1981	1982
Netherlands		İ									i			1		<del></del>
Producer price index, total	(3)	84.8 84.2 (³) (³) 94.9	93.9 (³) (³)	112 0 110.9 100.0 100.0	106.1	121.8 109.6 111.5	130.0	128.5 130.2	152.4	(3) 164.3 147.7 150.4	173.9 156.6 156.5	176.2 158.6 161.1	180.9 162.4 166.7	176 5 174.5	(3) 213 7 193.6 183.3	227.9 206.8 192.4
Wholesale price index for manufacturing industry outputs, total  Food industries  Other industries 15  Wholesale price index for manufacturing industry basic materials and fuel inputs, total	77.2 81.4 82.1 93.0	65.0 85.2 86.3 91.9	96.6 96.7	115.1 116.7 115.2	125.5 127.4 126.9	132.2 133.1 113.5	154.7 145.2	192.9 181.0		276.5 262.3	345.5 309.7	336.6	414.7 385.1	454.0	502.1	522.2 537.1 538.3 674.1

<sup>1</sup> Preliminary estimates.

 $^{10}$  Break in series between 1987 and 1968: 1955-67, 1987 = 100; 1968-82, 1968 = 100.

Source: National statistical publications.



<sup>&</sup>lt;sup>2</sup> including raw foods and fuel sold to retailers.

<sup>3</sup> Not available.

<sup>4 1956.</sup> 

<sup>5 1961.</sup> 

 $<sup>^6</sup>$  The general wholesale price index (1935–39 = 100) has been discontinued with the publication of the December 1978 index.

<sup>&</sup>lt;sup>7</sup> including finished goods, 1955-61. Index for food includes some finished products.

<sup>\*</sup> Excluding the Saar prior to 1960 and including West Berlin beginning 1961.

<sup>&</sup>lt;sup>9</sup> Excluding food, beverage, and tobacco industries.

<sup>11</sup> Including perishable foods (which are included in component indexes) from 1960, and including exports (which are not included in component indexes).

<sup>12</sup> Index discontinued with publication of the November 1979 index.

<sup>13 1970 = 100.</sup> 

<sup>14</sup> From 1971, index of raw materials and semimanufactures, including import prices.

 $<sup>^{15}</sup>$  Excluding beverage and tobacco industrics, which are included in the total index.

Table 147. Work stoppages and time lost due to industrial disputes, selected countries, 1955-82

Country and year	Number of industrial disputes	Workers involved <sup>1</sup> (thousands)	Working days lost (thousands)	Days lost per thousand employ- ers 2	Country and year	Number of industrial disputes	Workers involved (thousands)	Working days lost (thousands)	Days lost per thousand employ- ees 4
+					Australia <sup>5</sup>				
United States '		0.650	28,200	571	1955	1,532	445	1,011	361
1955	4,320	2,650		648	1956	1,306	428	1,121	390
1956	3,825	1,900	33,100	320	1957	1,103	337	<b>63</b> 0 ′	217
1957	3,673	1,390	16,500	471	1958	987	283	440	150
1958	3,694 3,708	2,060 1,880	23,900 69,000	1,320	1959	865	237	365	121
		1,320	19,100	358	1960	1,145	603	725	232
1960	3,333	1,450	16,300	304	1961	815	300	607	194
1961	3,367	1,230	18,600	338	1962	1,183	354	509	158
1962	3,614	941	16,100	286	1963	1,250	413	582	176
1963	3,362 3,655	1,640	22,900	395	1964	1,334	546	911	263
	2.062	1,550	23,300	388	1965	1,346	475	816	226
1965	3,963	1,960	25,400	407	1966	1,273	395	732	188
1966	4,405	2,870	42,100	649	1967	1,340	483	705	174
1967	4,595	2,649	49,018	737	1968	1,713	720	1,079	259
1968	F 700	2,481	42,869	626	1969	2,014	1,285	1,958	455
•		3,305	66,414	956	1970	2,738	1,367	2,394	535
1970		3,303	47,589	679	1971	2,404	1,327	3,069	666
1971 19 <b>72</b>		1,714	27,066	372	1972	2,298	1,114	2,010	432
	5,353	2,251	27,948	370	1973	2,538	803	2,635	546
1973 1974		2,778	47,991	623	1974	2,809	2,005	6,293	1,279
4075	5,031	1,746	31,237	410	1975	2,432	1,398	3,510	717
1975	•	2,420	37,859	478	1976		2,190	3,799	770
1976				436	1977	2,090	596	1,655	336
19 <b>77</b> 197 <b>8</b>			36,922	431	1978		1,076	2,131	433
1979				394	1979		1,863	3,964	801
1980	3,885			376 276	1980		1,173 1,252		652 80
1981	2,568	1,081	24,730	270	1981	2,813			!
Canada 1	. 159	.¦ .; 60	1,875	466	New Zealand	i <b>65</b>	20	52	8
1955 1956		'		291	1955			1 -	3
	045	,		333	1956	'!	16	1	4:
1957 1958			1	631	1957	1		1	2
1959	216		1	482	1958 1959	73	1	i	4
1060	274	49	739	156		. 60	14	36	5
1960	287 . 287	1	1	! 11	1960	1	1	1	5
1962	044	1	1		1961	1	1	i	12
1963	332		917	178	1962 1963	1	·	1	
1964	343		1,581	295	1964	`		,	8
1 <b>96</b> 5	501	172	2,350	416	1965	105	15	22	2
1966	617				1966	``!			11
1967	522	2   252			1967	`ı		139	· 15
1968	582	2 224			1968	1		130	
1969	595	5 307	7,752	1,170	1969		i .	139	15
1970	542		1		1970	323	3 110	277	
1971	569	·			1971			163	
1972	598				1972		•	) 135	
1973	72				1973	···			
1974	1,21	B 58	9,222	1,131	1974		_		17
1975	1,17				1975	428	3 . 7!		
1976	1.03		1 11,610		1976		•	1 488	
197 <b>7</b>	80				1977				
197 <b>8</b>	1.05				1978				
1979	1.05	0 46	3 7,834	1	1979		· · · · · · · · · · · · · · · · · · ·		2 ; 30
19 <b>80</b>	1,02				1980	. 35	2 10	B 360	o ¦ 3
1981	1,04				1220		_	9 i 24!	
1982	67	7 44	4 5,79	5 : 638	1001				

See footnotes at end of table



Table 147. Work stoppages and time lost due to industrial disputes, selected countries, 1955-82 — Continued

Country and year	Number of industrial disputes	Workers involved <sup>1</sup> (thousands)	Working days lost (thousands)	Days lost per thousand employ- ees 2	Country and year	Number of industrial disputes	Workers involved <sup>1</sup> (thousands)	Working days lost (thousands)	Days lost per thousand employ- ees 2
Japan <sup>7</sup>		:			Denmark <sup>9</sup>				
1955		1,033	3,467	203	1955	40			_
1956	646	1,098	4,562	249	1056	13	6	10	8
1957	827	1,557	5,634	287	1956	98	66	1,087	875
1958	903	1,279	6,052	293	1957	14	3	, 7	6
1959	887	1,216	6,020	278	1958 1959	. 15 23	. 9 i 6	9 1 18 -	7 14
1960	1.000	040					}	i :	•
1961	1,063	918	4,912	216	1960	82	20	61	44
1962	1,401 1,299	1,680	6,150	257	1961	34	153	2,308	1,614
1963	1,079	1,518	5,400	214	1962	26	10	15	10
1964		1,183	2,770	106	1963	19	. 7	24	16
1504	1,234	1,050	3,165	117	1964	40	8	18	12
1965	1,542	1,682	5,669	201	1005	07			
1966 '	1,252	1,132	2,742	93	1965	37	14	242	153
19 <del>6</del> 7	1,214	733 i	1,830	60	1966	22	10	15	9
1968	1,546	1,163	2,841	91	1967	22	10	10 :	6
1969	1,783	1,412	3,634	115	1968	17	29	34 i	20
	·	-	į	113	1969	48	36	56	32
1970	2.260	1,720	3,915	120	1970	77	56	100	
1971	2,527	1,896	6,029	178	1971	31	56	102	58
1972	2,498	1,544	5,147	150	1972	35	6	21	12
1973	3,326	2,236	4,604	128	1973	205	8	22	12
1974	5,211	3,621	9,663	268	1974	134	337	3,901	2,055
1075			]	ij	1874	134	142	184	98
1975	3,391	2,732	8,016	222	1975	147	50	400	
1976	2,720	1,356	3,254	88	1976	204	59	100	54
1977	1.712	692	1,518	41	1977		87 !	210	110
1978	1,517	660	1,357	36	1978	228	36	230	120
1979	1,153	450	930	24	1979	314 218	59 ! 157 i	129 173	64 85
1980	1,133	563	1,001	25		!			33
1981	955	247	554	14	1980	225	62	187	93
eigium *	į			17	1981	94	53	652	330
1955	143	119	1.000	400	France 10		ł	!	
1956	148	176	1,002	408	1955	2,672	792	3,079	277
1957	115	339	948	376	1956	2,440	666	1,423	
1958	43	63	3,7 <b>8</b> 9   294	1,471	1957	2,623	2,161	4,121	126 353
1959	57	123 !	983	116	1958	954	858	1,138	96
		120	903	388	1959	1,512	581	1,938	163
1960	61	19	334	130		1	i	!	
1961	38	13 ;	92	35	1960	1,494	839	1,070	89
1962	40	22	271	171	1961	1,963	1,270	2,601	213
1963	48 .	18	247	90	1962	1,884	834	1,902	151
1964	41	41	444	159	1963	2,382	1,148	5,992	460
1065	40				1964	2,281	1,047	2,497	185
1965 1966	43	19 :	70 !	25			į	:	
1967	74	42	533	189	1965	1,674	688	980	71
1968	58	38	182	65	1966	1,711	1,029	2,524	180
1969	71	29	364	130	1967	1,675	2,824	4,204	295
1909 .	88	25	163	57	1968 1969	1,103	464	423	29
1970	151	108	1 420 :	404	1909	2,207	1,444	2,224	150
1971	184	87	1,432	484	1970	2042	4 000	4 740	
1972	191	67 ·	1,240 ; 354	411	1971	2,942 :	1,080	1,742	114
1973	172	62	866	117	1972	4,318	3,235	4.388	282
1974	235	56		281	1973	3,484	2,721	3,755	236
	200	30	580 [	184	1974	3,731 3,381	2,246 1,564	3,915 3,380	240 203
1975	243	86	610	196			- 100-1	0.000	200
1976	281	107	896	291	1975	3,888	1,827	3,869	234
1977	220	86	659 <sup>!</sup>	214	1976	4,348	2,023	5,011	300
1978	195	91	1,002 ,	326	· 1977	3,281	1,920	3.666	216
1979	215	56	622	200	1978	3,195	705	2,200	129
	400	27	222	7.	1979	3,121	<del>96</del> 7	3,657	214
1980	132	~ ~	222	/ 1 H					
1980 See footriotes at enc		21	222	71	1980	2,118	501	1,674	98



Table 147. Work stoppages and time lost due to industrial disputes, selected countries, 1955-82—Continued

Country and year	Number of industrial disputes	Workers involved 1 (thousands)	Working days lost (thousands)	Days lost per thousand employ- ees 2	Country and year	Number of industrial disputes	Workers involved <sup>1</sup> (thousands)	Working days lost (thousands)	Days lost per thousand employ- ees <sup>2</sup>
Germany, F.R. <sup>11</sup>		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		Netherlands			•	
•	1191	E00	854	52	1955	63	22	133	48
1955	(12)	598	1,580	93	1956		37	213	75
1956	(12)	52		61	1957		1	7	2
1957	(12)	45	1,072	44	1958		5	37	13
1958	(12)	203		3	1959		. 8	14	5
1959	(12)	. <b>2</b> 2	- -	-	1960	121	76	467	153
1960	(12)	17	38	2	1961		9	25	8
1961	(12)	22	68 '	3	1962	:	2	9	3
1962	(12)	79	451	22	1963		26	38	12
1963	(12)	316	1,846	90	1964		. 8	44 .	13
1964	(12)	. 6	. 17	1		1	: . 23	55	16
1965	(12)	6	49	2	1965		11		_
1966	(12)	196	27	1	1966		_		2
1967	(12)	60	390	19	1967	•	. 5		. 4
1968	(12)	25	25	1	1968		12		. 6
1969	(12)		249	12	1969	. 20	1		, !
1903	` '	:			1970	99	52	263	70
1970	(12)	184	93	! 4	1971	*1	36		
1971	(12)		4,484	205	1972	••			36
1972		23	66	3	1973	**	_	584	
1973	(12)			25	1974	•	_	7	2
1974	(12)			. 48	1074	"	:		•
107 1	, ,			;	1975	5	1 (14)		
1975	(12)	36	69	. 3	1976	11	15		
1976	(12)	169	534	. 25	1977		36	_	62
1977	(12)	1 34	24	1	1978		. 3		
1978			4,281	199	1979		32	307	78
1979			483	22		1	, 20	. 55	14
1000	. (12)	45	128	6	1980 1981		_		6
1980				3	1001		:	ŀ	
1981		•	: 15	(6)	Sweden		1	! 1	!
1982	( )	1			1955	18			65
Italy 13	-	•	•	ľ	1956				21
1955	1,864	1,186	3,497	400	1957				- 6
1956		1,240		216	1958				; 9
1957	1,646	1,117			1959	17	. 1.2	23.5	1
1958	1,756	1,147		278			1.5	s i 18.5	1 7
1959	1,800	1,464	7,282	. 762	1960				
			1		1961				
1960	. 2,348			427	1962				
1961					1963				
1962	. 3,532				1964		· .	!	1
1963					1965		0.2	2 4.1	
1964	. 3,727	7 <sub>1</sub> 3,036	11,328	1,045	1966	••			112
		- <del>-</del> -	: . :	£07	1967		0.1	1 ' 04	
1965					1968				
1966 .	. 2.299				1969	·••.		112.4	. 35
1967						•			
1968	3.272				1970	134	26		
1969 .	3,698	6,752	35,325	3,186	1971				
	_		. 43001	1 560	1972			_	
1970					1973	48			
1971	5,482				1974	8	5 17	5 576	, 10
1972	4.699				1	•		O 1844 F	16 12
1973	3,676				1975				
1974	5,08	7 7.396	5 13,743	, 1,203	1976				_
4675	0.50	5 12,920	20,603	1,649	1977				
1975	3,53		·		1978	. 9:			
1976	2,64				1979	20	7 32.	J 207	`
	3.22 2.41				4000	٠.	2 746	7 4478 5	5 117
1977	241	5 8,299			1980	21 6			_
1977 1978			4 22.002	1,000	111111				
1977	1.85				1981 1982	(1.9			
1977 1978		0 14,91d 0 12,26d	0 12.626	921	1982				



Table 147. Work stoppages and time lost due to industrial disputes, selected countries, 1955-82—Continued

Country and year	Number of industrial disputes	Workers involved <sup>1</sup> (thousands)	Working days lost (thousands)	Days lost per thousand employ- ees **	Country and year	Number of industrial disputes	Workers involved <sup>1</sup> (thousands)	Working days lost (thousands)	Days lost per thousand employ- ees 2
Switzerland		<u>.</u>			United				
1955	4	0.4	1.0	1	Kingdom 19			į	
1956	5	.3	1.4	i	1955	2,419	671	3,781	180
1957	2	.1	.7	( <del>*</del> )	1956	2,648	508	2.083	98
1958	3	.8	2.1	` ' '	1957	2.859	1,359	8,412	394
1959	4	.1	2.0		1958	2,629	524	3,462	163
		.,	2.0	•	1959	2,093	646	5,270	247
1960	8	.2	1.0	(*)	]	_,,,,,	340	0,2,0	247
1961	(17)	(17)	(17)	(17)	1960	2.832	819	3.024	138
1962	` 2	.2	1.4		1961	2,686	779	3,046	137
1963	4	1,1	70.7	1 29	1962	2,449	4,423	5,798	258
1964	1	.4	4.6	_	1963	2,068	593	1,755	78
	•	• •	4.0	2	1964	2,524	883	2,277	100
1965	2	0.0	.2	(°)		[	-		
1966	2	0.0	.1	(6)	1965	2,354	876	2,925	127
1967	1	.1	1.7	1	1966	1,937	544	2,398	103
1968	1	.1	1.8	¦	1967	2,118	734	2,787	122
1969	; ;	0.0	.2	, ,	1968	2,378	2,258	4,690	207
	'	0.0	ا 2.	(*)	1969	3,116	1,665	6,846	302
1970	3	.3	2.6	1	1970	3,906	1.801	10,980	488
1971	11	2.3	7.5	ġ l	1971	2,229	1,178	13,551	625
1972	5 !	.5	2.0	1	1972	2,497	1.734	23,909	1,102
1973	(14)	(18)	(10)	(10)	1973	2,873	1.528	7,197	324
1974	, á	`.3	2.8	1	1974	2,922	1,026	14,750	659
1			20	,		i	1		
1975	6	.3	1.8	1	1975	2,282	809	6,012	269
1976	<b>:</b> 9 !	2.4	19.6	8	1976	2.016	688	3,284	148
1977i	9	1.4	4.6	2	1977	2,703	1,168	10,142	456
1978	10	1.2	5.3	2	1976	2,471	1,041	9,405	420
1979	8	.5	2.3	, 1	1979	2,080	4,608	29,474	1,296
1	Ţ		=	· I	1980	1.330	834	11,964	500
1980	5	3.6	5.7	2	1981	1,338	1,513	4,266	532
1981	1	(14)	(18)	(•)	1982	1,338	2,3 <b>6</b> 2		200 382
1982	1	(14)	.6	(•)	1002	1,404	2,302	7,916	382

Workers are counted more than once if they were involved in more than one stoppage during the year.



3

<sup>&</sup>lt;sup>2</sup>Per thousand persons with paid hours in nonagricultural industries. Days lost include all stoppages in effect.

<sup>&</sup>lt;sup>3</sup> Excludes disputes involving less than six workers or lasting less than a full day or shift.

Excludes disputes resulting in less than 10 man-days lost. Excludes cers indirectly affected by a dispute in their own establishment. xcludes disputes resulting in less than 10 working days lost.

Less than a day per thousand wage earners and salaried employees.

Excludes disputes lasting less than 4 hours and workers indirectly affected by a dispute in their own establishment.

<sup>\*</sup>Excludes workers indirectly affected.

<sup>&</sup>lt;sup>9</sup>Includes only disputes involving members of the Employers' Federation in 1956–67. Excludes political disputes and disputes resulting in less than 100 working days lost.

<sup>&</sup>lt;sup>10</sup> Excludes disputes in agriculture and public administration. 1968: May and June, the period of the national strike excluded.

West Berlin included beginning 1961, Industrial disputes data exclude the Saar in 1965-56. Excludes disputes lasting less than 1 day except when a loss of more than 100 working days is involved.

<sup>12</sup> Not available.

<sup>&</sup>lt;sup>13</sup> Excludes strikes in the agricultural sector, political strikes, and workers indirectly affected by a dispute in their own establishment. Data on hours lost are converted into working days by dividing by 8.

<sup>14</sup> Less than 500 workers involved.

<sup>18</sup> Less than 500 days lost.

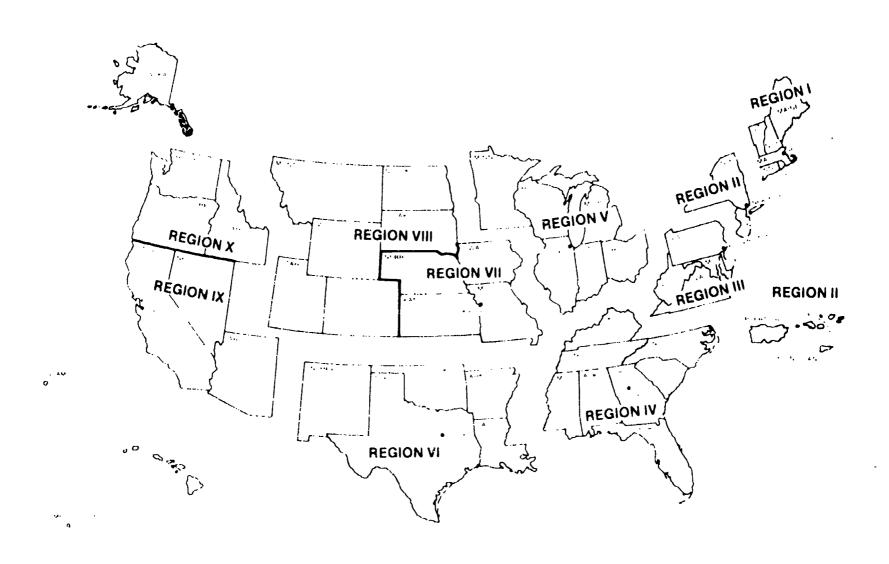
<sup>&</sup>lt;sup>16</sup> Excludes one dispute in agriculture involving 7,000 workers and 321,000 working days lost.

<sup>&</sup>lt;sup>17</sup>Only two strikes occurred, each one lasting not more than a couple of hours.

<sup>&</sup>lt;sup>16</sup> Excludes disputes not connected with terms of employment or conditions of labor and disputes involving less than 10 workers or lasting less than 1 day unless a loss of more than 100 working days is involved. Includes workers indirectly involved in the establishment, but not those in other establishments.

Sources: liational and international statistical publications.

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